

2019 Dicamba Application Guidance

*This information is only supplemental guidance to the agricultural community. It is not a substitute for law or rule. All those applying the following products must be certified. **We want to thank you for all of your efforts in control of these products.** Please contact Chad Hayes with the Tennessee Department of Agriculture Ag Inputs Section at 615-837-5339 or chad.hayes@tn.gov if you have questions. **We are here to partner with you in education and effort.***

- Must have a current Commercial or Private Applicator certification in order to purchase and apply Restricted Use Pesticide products.
- Dicamba-specific training is required to be taken by all applicators through UT Extension or an approved product manufacturer prior to applying Engenia, Xtendimax, FeXapan, and Tavium.
- Engenia, FeXapan and Xtendimax can only be sprayed in soybeans up to 45 days after planting or up to R1 stage, whichever comes first.
- In crop applications of Tavium can be made over-the-top of DT soybeans through V4 or within 45 days after planting, whichever comes first.
- Engenia, FeXapan, Xtendimax can only be sprayed in cotton up to 60 days after planting or mid-bloom, whichever comes first.
- In crop applications of Tavium can be made over-the-top of DT cotton through 6-leaf cotton or within 60 days after planting, whichever comes first.
- Only Engenia, Xtendimax, FeXapan, and Tavium can be applied **between May 15-October 1.**
- **DO NOT APPLY** Engenia, Xtendimax, FeXapan, and Tavium if wind speed is less than 3 mph or over 10 mph.
- **DO NOT APPLY** Engenia, Xtendimax, FeXapan and Tavium if rain that could exceed soil field capacity and result in runoff is expected within 24 hours after application.
- **DO NOT APPLY** Engenia, Xtendimax, FeXapan, and Tavium through any type of irrigation system.
- Avoid spraying into temperature inversions (<https://www.youtube.com/watch?v=Xj5lErjaNzY&t=48s>)
- Specific records must be kept for each application in each field. Refer to the recordkeeping requirements on the Engenia, Xtendimax, FeXapan and Tavium labels. Applicators must keep records for two years and records must be generated within 72 hours after application.
- Applications of Engenia, Xtendimax, FeXapan and Tavium may **begin one hour after sunrise and end two hours before sunset.**
- Minimum application rate of 15 gallons per acre (GPA)
- Boom height can be no more than 24" above target plants.
- Applicator must always maintain a 110 foot buffer from the downwind outer edges of the field when applying Engenia and Tavium and up to 22 ounces per acre of Xtendimax and FeXapan. **A 220 foot downwind buffer is required when applying greater than 22-44 ounces per acre of Xtendimax and FeXapan.**
- **DO NOT APPLY** when wind is blowing toward neighboring sensitive crops or residential areas.
- In counties where endangered or threatened species exist (Chester, Davidson, Franklin, Grundy, Madison, Maury, McNairy, Montgomery, Polk, Rutherford, and White) an additional 57 foot buffer must be maintained on the other edges of the field. Consult <http://www.epa.gov/espp/> for complete details. **DO NOT APPLY in Wilson County.**
- Applicators must document/record that they checked an applicable sensitive crop/specialty crop registry (<http://www.fieldwatch.com/>) and document that they surveyed all neighboring fields for any sensitive crops and residential areas surrounding the field prior to application.
- Use only EPA approved nozzles and tank mix partners for Engenia, Xtendimax, FeXapan, and Tavium. Consult label and product(s) website for a complete list of approved nozzles and tank mix partners.
- **DO NOT** tank mix products containing ammonium salts such as ammonium sulfate and urea ammonium nitrate.
- Spray mixtures with pH levels less than 5 can increase the potential volatility of Dicamba. Know the pH of your spray mixture and **DO NOT** add adjuvants that will further decrease pH.
- Applicators must document that they followed the correct spray system clean-out procedures outlined in the label before and after an application.