

## **Dicamba Application Reference List**

- 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 and FeXapan.
- All applicators will be asked present their commercial or private certification card and Dicamba training certificate upon inspection by a representative of the Tennessee Department of Agriculture.
- A hooded sprayer must be used for any application of Engenia, Xtendimax and FeXapan from July 15 until Oct. 1. Broadcast hooded sprayers must be equivalent to commercially available units. ONLY hooded sprayers that have all application nozzles contained within the enclosed hood area may be used. Only those spray nozzles approved for use in the Engenia, Xtendimax and FeXapan labels can used with hooded spray equipment.
- Engenia, FeXapan and Xtendimax can only be sprayed in soybeans up to R1 growth stage.
- Must have a copy of the Product Label & 24-C Label while applying the product.
- DO NOT APPLY Engenia, Xtendimax and FeXapan if rain is expected within 24 hours after application.
- DO NOT APPLY Engenia, Xtendimax and FeXapan through any type of irrigation system.
- Avoid spraying into temperature inversions (<https://www.youtube.com/watch?v=Xj5IErjaNzY&t=48s> )
- Specific records must now be kept for each application in each field. Refer to the recordkeeping requirements on the Engenia, Xtendimax and FeXapan labels. Download form at <http://ag.tennessee.edu/Pages/Dicamba-Training-Information.aspx> .
  - Time of Day Application Made: (Application hours are 7:30 a.m. – 5:30 p.m. in the respective time zone of location). This applies to Engenia, FeXapan and Xtendimax applied to (DT) cotton and (DT) soybeans.
  - Documentation of consulting Sensitive Crop Registry and documentation that the applicator has surveyed the neighboring crops within a recommended minimum of ½ mile from the site of application is required prior to application (name of crop and distance from closest point of application site). <http://www.fieldwatch.com/> . If sensitive crops are downwind DO NOT SPRAY.
  - Clean sprayer before and after any Engenia, FeXapan and Xtendimax application.
  - Must use specific nozzles listed on the product labels / websites. Herbicides must be applied at the specified pressure for the given nozzle.
  - Only those pesticides, adjuvants, and drift retardants approved and listed on the Engenia, Xtendimax and FeXapan labels or websites can be used as tank mix partners. Tank mix partners must be recorded in the application records with their EPA registration numbers. Ammonium-containing additives, conditioners or fertilizers (AMS, UAN) products cannot be used.
  - Minimum application rate 10 GPA (15 GPA for Palmer amaranth is recommended).
  - 110' downwind buffer zone from any property not owned, leased or under the control of the applicator/farm operation for the standard 0.5 lb. rate of Engenia 12.8 oz. /Acre; Xtendimax 22 oz. /Acre, or FeXapan 22 oz. / Acre). Refer to the product labels for those areas that may be included in the buffer zone distance calculation when adjacent to field edges.
  - 220' downwind buffer zone from any property not owned, leased or under the control of the applicator/farm operation for the 1 lb. rate of Xtendimax or FeXapan. Refer to the product labels for those areas that may be included in the buffer zone distance calculation when adjacent to field edges.
  - Boom height can be no more than 24" above the target plants.
  - Maximum application speed must not exceed 15 mph.
  - Minimum wind speed during application must be above 3 mph.
  - Maximum wind speed during application must be less than 10 mph.

TDA is also pursuing rules to prohibit application of older, generic formulations of Dicamba from May 15 through Oct. 1. The new rules will be effective July 23, 2018.

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