

## New Xtend Cropping Systems Herbicide Labeling and Training

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EPA announced in November that they would be extending the registration of over-the-top use of dicamba (Xtendimax, Engenia, FeXapan) in Xtend cotton and soybean (dicamba-tolerant) for two years. With that there were some things that stayed the same and some things that changed. First and foremost, Xtendimax, Engenia, and FeXapan will remain Restricted Use Herbicides and will continue to follow the record keeping requirements that were put in place last year.

#### **Changes or additions to the label include the following:**

- 1) **ONLY CERTIFIED APPLICATORS** may **PURCHASE** and **APPLY** Xtendimax, Engenia, or FeXapan.
- 2) Those operating under the supervision of a certified applicator **may not** purchase or apply Xtendimax, Engenia, or FeXapan.
- 3) Over-the-top application of dicamba can only be made up to 45 days after planting on soybean and up to 60 days after planting on cotton.
- 4) Limit the number of over-the-top applications to 2 for cotton (soybeans remain at 2 over-the-top applications).
- 5) Applications will be allowed only from 1 hour after sunrise to 2 hours before sunset.
- 6) They did change the downwind buffer requirements for endangered species. Fortunately, we do not have any listed endangered terrestrial dicot plant species in Oklahoma that fall under these requirements at this time.
- 7) The minimum spray volume is now 15 GPA for all 3 herbicides.
- 8) **“Residential Areas”** are now combined with **“Sensitive Crops”**. **DO NOT** apply when wind is blowing in the direction of neighboring **downwind “Residential Areas”** or **“Sensitive Crops”**.
- 9) If wind shifts occur during application towards a residential area or sensitive crop the applicator must **stop** the application at that time.
- 10) Additional Record Keeping Requirements: Planting date must be recorded. Records must be generated within **72 hours** of application (previously within 14 days of application).
- 11) **DO NOT** apply if expected rainfall amount may exceed soil field capacity and result in runoff in the next 24 hours (previously was if rain was expected within 24 hours of application).
- 12) Recommended to test spray solution pH and add a buffering agent if solution pH is less than 5.

Finally, all certified applicators (commercial and private applicators) applying Xtendimax, Engenia, or FeXapan will be required to complete a new training in 2019. Training will be required annually for application of these products. Therefore, certified applicators that completed the training in 2018 will be required to attend and complete the new training in 2019. These trainings will begin after the first of the year. Contact your local county extension office or Todd Baughman (580.224.0623 or [todd.baughman@okstate.edu](mailto:todd.baughman@okstate.edu)) with questions or more information on upcoming trainings.