



Trait Herbicide System Comparisons

Advantages of the Enlist® weed control system

- The Enlist® weed control system provides effective weed control, on-target application and ease of use for farmers managing the toughest weeds.
- Innovative traits in Enlist E3® soybeans and Enlist® cotton provide robust tolerance to 2,4-D choline, glyphosate and glufosinate for flexible weed control options.
- Enlist® herbicides are a responsible, effective and flexible weed management solution for every Enlist E3 soybean and Enlist cotton acre.
- Enlist One® herbicide offers neighbor-friendly weed control with built-in technology for near-zero volatility and reduced potential for physical drift.

Application Flexibility	Enlist One® herbicide	In-Crop Dicamba Herbicide
Full Use Rate	Full use rate of Enlist One is 2 pt/A.	Restricted to 50% of previous label at 0.5 lbs/A per application. Max 1.0 lb/A per year permitted.
Federal Restricted Use Pesticide	No	Yes Only licensed certified applicator permitted to apply dicamba.
Time Of Day Application Restrictions	None	Yes In-crop dicamba applications restricted to only 1 hour after sunrise until 2 hours before sunset for drift purposes.
Application Temperature Restrictions	None	Failure to follow temperature restrictions increases risk for volatility and drift. Dicamba applications are completely banned when the forecast temperature is 95°F or higher on the day of or day after application. Yes If the forecast temperature for the day of or day after application is between 85-95°F, user can only apply dicamba to 50% of untreated acres and must wait 2 days before treating remaining acres. Check dicamba label or state pesticide regulatory agency web sites for any additional temperature restrictions.
Burndown	Yes Labeled for burndown prior to planting crops without the Enlist® trait.	No

Application Window	Enlist One	In-Crop Dicamba Herbicide
Application Timing	Soybean: Through R1 growth stage Cotton: Up to first white bloom	Soybeans: No applications allowed after R1 growth stage; Crop damage possible. Cotton: In-crop applications labeled up to 7 days before harvest; however, applications that late could violate any state calendar cut-off dates.
Calendar Cut-Off Dates	None No calendar cut-off dates.	No national cut-off date. However, dicamba has state cut-off application restrictions with the current federally approved label. Current state cut-off restrictions: IA: June 12 or V4, whichever is first IL: June 20 IN: June 12 MN: June 12 (south of Interstate 94) June 30 (north of Interstate 94) SD: June 30 Other state regulations may also follow upon state submission. Check state pesticide regulatory agency websites for specific cut-off dates.

Tank Mix pH / Required Additives	Enlist One® herbicide	In-Crop Dicamba Herbicide
Drift Reduction Agent (DRA)	None No DRAs needed.	Yes DRA is mandatory for every application; no exceptions. Must include an oil emulsified DRA with a concentration of 0.3% v/v of the final spray tank volume. The required DRA will be an added expense for each post application of dicamba.
Volatility Reduction Agent (VRA)	None No VRAs needed.	Yes VRA is mandatory for every application; no exceptions. Approved VRAs and rates must be verified prior to use. The required VRA will be an added expense (or cost) for each post application of dicamba.

Tank-Mix Flexibility	Enlist One*	In-Crop Dicamba Herbicide
Glufosinate	Yes	Yes However, a tank mix of dicamba and glufosinate will lower the pH level and increase drift volatility risk.
AMS	Yes	No AMS prohibited from tank-mixing, as it would lower pH level and increase drift risk.
Glyphosate	Yes K-salt, DMA and qualified premixes* are permitted.	No Only K-salt glyphosate products permitted with dicamba. DMA glyphosate and glyphosate pre-mix products are not available within system.

* Visit EnlistTankMix.com for all qualified tank-mix partners with Enlist One herbicide.

Buffers/ Downwind Crops	Enlist One	In-Crop Dicamba Herbicide
Buffer Zones	30' Minimum 30-foot buffer zone required for all adjacent sensitive areas.	240'+ Minimum 240-foot buffer zone required for all adjacent sensitive areas.
Soybean Cupping	No Enlist® herbicides do not cause cupping on non-Enlist E3® soybeans, including dicamba-traited soybeans.	Yes Dicamba is known to cause soybean cupping to downwind non-dicamba trait soybeans.

Nozzles & Droplet Size	Enlist One	In-Crop Dicamba Herbicide
Nozzle Types	Labeled for use with the most common nozzle types utilized today. Visit Enlist.com/Nozzles for complete list of Enlist One nozzles.	Use spray nozzles that provide a coarse or coarser droplet only. Less coarse droplets could increase likelihood for drift/off-target movement.
Droplet Size	Recommended coarse droplet, which balances good coverage for optimum weed control.	Dicamba applications must use coarse or coarser spray droplets, which are heavier and less prone to drift than fine droplets.

Formulations	Enlist One	In-Crop Dicamba Herbicide
Generic Formulations	Generic 2,4-D formulations are strictly prohibited for use on Enlist E3 soybeans or Enlist® cotton.	Generic dicamba is not labeled for use on dicamba-tolerant soybeans or cotton.
Drift/Volatility	Enlist One herbicide contains Colex-D® technology, a built-in drift reduction technology with near-zero volatility, so the herbicide lands and stays on target.	Registered over-the-top (OTT) dicamba formulations do not contain drift or volatility agents. A DRA and VRA must be used when making a dicamba application.

Mitigations/ Documentation	Enlist One® herbicide	In-Crop Dicamba Herbicide
Endangered Species Act (ESA)	Yes Enlist One® herbicide completed all ESA testing in 2022, with no added restrictions.	No OTT dicamba products are going through ESA evaluation and further restrictions may be forthcoming.
Run-off and Erosion Mitigation Measures	Yes U.S. EPA runoff mitigation measurement requirements for Enlist One require that the land manager/applicator must achieve a minimum of 4 or 6 credits for compliance, depending on hydrologic soil groups. See Enlist One label for further details.	Yes U.S. EPA runoff mitigation measurement requirements for OTT dicamba herbicide require the land manager/applicator must achieve a minimum of 3 or 6 mitigation credits for compliance, depending on hydrologic soil groups or pesticide use limitation area (PULA).
Record Keeping	No No mandatory record keeping required.	Yes Documentation required for every application. User/applicators must record every detail of each application to prove compliance with all label requirements. These documents create an accountability trait that enable enforcement.
Enforcement	No No details specified on label.	Yes According to the EPA, every restriction on the label is a legal requirement under FIFRA. The label restrictions are not suggestions or guidelines, but rather enforceable mandates. Violators face civil fines for failing to follow label directions, and knowing violations can result in criminal prosecution. Both EPA and state agencies will actively monitor compliance.

Certification, Training and Education	Enlist One	In-Crop Dicamba Herbicide
Applicator Must Be Licensed Certified	No May be applied by an applicator under certified applicator's supervision.	Yes Only licensed certified applicator permitted to apply dicamba.
Applicator Training	Enlist offers educational materials and voluntary applicator training. CCA credits are available for full attendance of Enlist Ahead live webinars.	Prior to applying in any calendar year, the certified applicator must complete mandatory annual dicamba-specific training.



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This reference guide is not intended as a substitute for the product label for the product(s) referenced herein. Product labels for the above product(s) contain important precautions, directions for use, and product warranty and liability limitations, which must be read before using the product(s). Applicators must be in possession of the product label(s) at the time of application. Always read and follow all label directions and precautions for use when using any pesticide alone or in tank-mix combinations. The transgenic event in Enlist E3® soybeans is jointly developed and owned by Corteva Agriscience LLC and M.S. Technologies. Enlist One is not registered for sale or use in all states or counties. Contact your state pesticide regulatory agency to determine if a product is registered for sale or use in your area. Enlist One herbicide is the only 2,4-D product authorized for use in Enlist crops. Consult Enlist One herbicide label for weed species controlled. Always read and follow label directions. ©2026 Corteva. 037394 COR (02/26)

