



4 Weed Control Myths Busted

MYTH #1

Cupping is a regular development phase of Enlist E3[®] soybeans.

FACT

Enlist[®] herbicides do not cause soybean cupping.

Soybean cupping is a crop injury caused by dicamba drifting onto Enlist E3[®] soybeans or other soybeans not tolerant to dicamba. Soybeans without the dicamba-tolerant trait may show symptomology from dicamba exposure at less than 1/800 of the standard spray rate, according to research from the University of Georgia.

After an application of an Enlist[®] herbicide, Enlist E3 soybeans may see a temporary crop response. This "droop" or "sleepy" effect occurs while the plant is working to metabolize 2,4-D choline. It's more likely to occur in conditions where the plant is stressed, including hot daytime temperatures and drought. Plants typically metabolize the 2,4-D choline and return to normal within 24 to 48 hours.

MYTH #2

All herbicides drift.

FACT

Drift can be caused by many factors, such as improper nozzle use and wind or weather conditions.

Not all herbicides are formulated in the same way. Some are more prone to drift than others. Enlist One[®] and Enlist Duo[®] herbicides are formulated with Colex-D[®] technology and have near-zero volatility and less physical drift than dicamba when used according to label directions and with qualified nozzles. Enlist Duo herbicide is 98% less volatile compared with a tank-mix of BPMA dicamba and glyphosate.

To learn more about preventing weed resistance, the Enlist[™] Ahead management resource offers best practices, tools and training to achieve optimum results and sustain long-term performance of the Enlist weed control system.





There are a lot of myths, misconceptions and confusion around herbicides and their regulations. These are the facts behind four common weed control myths.



MYTH #3

Dicamba regulations aren't that serious.

FACT

Stricter regulations make it less convenient to use dicamba in certain areas.

Farmers across the country are anticipating additional dicamba regulations, while farmers in Iowa, Illinois, Indiana and South Dakota are already facing changes. In February 2023, the U.S. Environmental Protection Agency announced new amendments that further restrict the use of over-the-top dicamba herbicides for these four Midwestern states. The new restrictions include:

- No spraying on dicamba-tolerant (DT) soybeans in Iowa, Illinois and Indiana after June 12 or V4 growth stage, whichever comes first.
- No spraying on DT cotton in Iowa, Illinois and Indiana after June 12 or first square, whichever comes first.
- No spraying on DT crops after June 20 in South Dakota.

Enlist herbicides provide more flexibility for farmers with wide application windows and no calendar cutoff dates, unlike dicamba. Plus, Enlist herbicides have more than 1,700 qualified tank-mix partners, no time-of-day application restrictions and a broad range of qualified nozzles so farmers can find the right balance of coverage and drift control.

MYTH #4

The Enlist® weed control system can't control weed challenges.

FACT

The Enlist weed control system gives farmers more flexible weed control than other systems and encourages a program approach to managing weeds.

Farmers continue to battle resistant weeds, particularly those resistant to glyphosate. With flexible tank-mix options, farmers can use the most effective tank mix for their operation, including Enlist One and Liberty® herbicides, to control resistant weeds.

Purdue University conducted a seven-year study that showed using multiple sites of action in a diversified weed control program will reduce the weed seedbank and number of weed species, mitigating the evolution of herbicide resistance.

There are more than 1,700 qualified products – including herbicides, fungicides, insecticides and adjuvants – that farmers can tank-mix with Enlist One herbicide and apply over the top of Enlist E3 soybeans, cotton and corn for broad-spectrum weed control. Enlist herbicides also can be applied preemergent and in burndown with no plant-back restrictions for Enlist® crops.

™ ® Trademarks of Corteva Agriscience and its affiliated companies. The transgenic soybean event in Enlist E3® soybeans is jointly developed and owned by Corteva Agriscience and M.S. Technologies L.L.C. Enlist Duo® and Enlist One® herbicides are 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 Duo and Enlist One are the only 2,4-D products authorized for use with Enlist crops. Consult Enlist herbicide labels for weed species controlled. Liberty® is a registered trademark of BASF. Always read and follow label directions.

© 2023 Corteva.