

Good Weed Management Starts with a Program Approach

To control weeds all season long, growers should use a program approach to management. Not only does it improve their fields' yield potential by reducing weed competition during each stage of the growing cycle, it also helps preserve the effectiveness of herbicide technologies for years to come. This is accomplished by using multiple modes of action to decrease the threat of herbicide resistance, keeping today's weed technologies viable for years to come.

Components of a program approach to weed control:

- Know the history of each field in order to choose herbicides that will be effective on problem weeds.
- Start clean with a burndown before planting. A fall burndown is best, but springtime will also work.
- Use a preemergent residual herbicide for multiple sites of action against weeds. Apply residuals from two weeks before planting up to three days post-planting.
- Spray postemergence herbicides within 28 days of preemergence application or when weeds are less than three inches tall. A postemergence residual herbicide can offer extended control.
- Keep borders clean to prevent weed escapes and pull rogue weeds by hand to help prevent weed species from developing resistance.

By utilizing a program approach to weed management, growers give themselves a clean slate for planting, allowing preemergent products to be more evenly distributed. Soil residual herbicides then play an important role in keeping fields clean by introducing multiple sites of action to combat troublesome weeds and lessen the load for postemergence herbicides. In addition, a program approach offers farmers greater flexibility for herbicide applications, which can be especially important when spring weather affects spray timing.

The Enlist® weed control system is an example of a comprehensive program for weed management. It allows growers to use Enlist® herbicides on Enlist® crops including corn and soybeans to battle even the toughest weeds. Preferred residuals to use with the Enlist weed control system include Sonic®, Trivence® and EverpreX® herbicides for soybeans and Resicore®, Resicore® XL and Kyro™ herbicides for corn. Up to two postemergence applications of a tank-mix of Enlist One® herbicide and glufosinate is recommended for areas with high pressure from glyphosate-resistant broadleaf weeds such as waterhemp, kochia and Palmer amaranth.

Good stewardship requires a proactive, long-term approach to weed control that includes a program approach to herbicide management. You can help your customers develop the right program for their farms that includes pre-planting, preemergence and postemergence herbicide applications for multiple sites of action to help enhance their yield potential today and protect their herbicide for the future.

Tips for using Enlist herbicides as part of a comprehensive weed control program:

- Enlist herbicides can be used in burndown, preemergence and postemergence passes on Enlist crops.
- Up to three applications may be made per season – one at burndown or preemergence and up to two postemergence, at least 12 days apart. See the Enlist Weed Control System Product Use Guide for application rates.
- Include a broad-spectrum soil residual herbicide.
- Consider using a layered residual, such as a Group 15 herbicide, in postemergence passes for longer-lasting weed control.
- Enlist herbicides' application windows allow for tank-mixes with other qualified products, such as other herbicides, insecticides, fungicides, micronutrients and adjuvants.

Only use approved tank-mix partners. See [EnlistTankMix.com](https://www.enlisttankmix.com) for product information.

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Following burndown, Enlist Duo® and Enlist One® herbicides with Colex-D® technology are the only herbicides containing 2,4-D that are authorized for preemergence and postemergence use with Enlist® crops. Consult Enlist® herbicide labels for weed species controlled. Enlist Duo and Enlist One herbicides are not registered for use or sale in all states and counties; are not registered in AK, CA, CT, HI, ID, MA, ME, MT, NH, NV, OR, RI, UT, VT, WA and WY; and have additional subcounty restrictions in AL, GA, TN and TX, while existing county restrictions still remain in FL. All users must check "Bulletins Live! Two" no earlier than six months before using Enlist One or Enlist Duo. To obtain "Bulletins," consult epa.gov/espp/, call 1-844-447-3813, or email ESPP@epa.gov. You must use the "Bulletin" valid for the month and state and county in which Enlist One or Enlist Duo are being applied.

Contact your state pesticide regulatory agency if you have questions about the registration status of Enlist® herbicides in your area. ALWAYS READ AND FOLLOW PESTICIDE LABEL DIRECTIONS. IT IS A VIOLATION OF FEDERAL AND STATE LAW TO USE ANY PESTICIDE PRODUCT OTHER THAN IN ACCORDANCE WITH ITS LABELING. ONLY USE FORMULATIONS THAT ARE SPECIFICALLY LABELED FOR SUCH USE IN THE STATE OF APPLICATION. USE OF PESTICIDE PRODUCTS, INCLUDING, WITHOUT LIMITATION, 2,4-D-CONTAINING PRODUCTS NOT AUTHORIZED FOR USE WITH ENLIST CROPS, MAY RESULT IN OFF-TARGET DAMAGE TO SENSITIVE CROPS/AREAS

AND/OR SUSCEPTIBLE PLANTS, IN ADDITION TO CIVIL AND/OR CRIMINAL PENALTIES. Additional product-specific stewardship requirements for Enlist crops, including the Enlist Product Use Guide, can be found at www.traitstewardship.com. EverpreX®, Kyro™, Resicore®, Resicore® XL, Sonic® and Trivence® are not registered for sale or use in all states. Kyro, Resicore and Resicore XL are not available for sale, distribution or use in Nassau and Suffolk counties in the state of New York. Contact your state pesticide regulatory agency to determine if a product is registered for sale or use in your state. Always read and follow label directions. © 2024 Corteva. 023004 LC (12/24)