

Soybean Herbicides: The Program Approach

Managing your fields for better productivity

Your customers have a lot to worry about when it comes to soybean weed control: making sure they get the performance they need while also being good stewards of weed control technology. That's why Corteva Agriscience offers a range of choices in soybean weed control that deliver powerful performance and also fit into a program approach to manage weed resistance. Our portfolio of soybean herbicides helps farmers meet the challenges in each season, while capitalizing on opportunities, with flexible application options, control of the toughest resistant weeds and extended treatment windows.

A robust program approach includes the following:

Scout: Scout your fields to know what weeds are present and determine the best herbicide selections for your fields this year.

Start clean: Start with a clean seedbed by using tillage, a burndown or both.

Burndown options:

- **Elevore®** herbicide: Elevore uses a systemic formulation for more thorough burndown control of weeds, including marestail up to 8 inches tall, henbit and other ALS- and glyphosate-resistant weeds. And with a low use rate of only 1 ounce per acre, Elevore is an excellent fit in reduced- and no-till production systems.
- Consider a glyphosate tank-mix.
- Traditional 2,4-D herbicides can be used for burndown prior to planting Enlist E3® soybeans – labeled plant-back restriction to soybeans MUST be followed.

Use a robust preemergence application:

Utilize an effective preemergence residual herbicide or herbicides to deliver two or more effective sites of action. Always use full labeled rates for maximum efficacy.

- **Kyber™** herbicide: Kyber is a premium solution in the fight against resistant weeds. This preemergence soybean herbicide boasts three effective modes of action, including a group 15 active ingredient, to create a new level of clean. It delivers the broad-spectrum control of resistant broadleaf and grass weeds that retailers and farmers have been asking for. Kyber offers long-lasting residual activity to control tough weeds, widening the postemergence application window.
- **Trivence®** herbicide: Trivence uses three modes of action to provide both burndown and residual activity on a broad spectrum of broadleaf weeds. This powerful combination keeps fields clean well after soybean planting and supports uniform crop emergence.
- **Additional options in soybeans:** Afforia®, Enlite®, Envive®, Sonic® or Surveil® herbicides



Make timely postemergence applications:

After your preemergence application, come back with a timely postemergence application or multiple planned postemergence passes depending on weed pressure. Use herbicides or tank-mixes with multiple sites of action and include a layered residual such as EverpreX® herbicide to stretch postemergence weed control. Always use full labeled rates for maximum efficacy.

Postemergence glyphosate and/or glufosinate herbicides enabled by trait tolerances in Enlist E3® soybeans:

- **Liberty®** herbicide (glufosinate): Apply in Enlist E3® soybeans up to R1 growth stage.
- **Durango®** DMA® or **Abundit®** Edge herbicides (glyphosate): Apply in Enlist E3 soybeans no later than R2 growth stage.

Traditional herbicides options:

- **Synchrony®** XP herbicide: soybeans
- Products containing fomesafen, imazethapyr or cloransulam-methyl

Include a layered residual to extend control:

- **EverpreX** herbicide: EverpreX can be applied at planting or postemergence for an effective layer of season-long control of annual grasses and small-seeded broadleaf weeds, including ALS-, PPO- and glyphosate-resistant weeds.
- Acetochlor, metolachlor and s-metolachlor products for postemergence use

In addition to a program approach, follow these recommendations for successful weed management:

- Use full, labeled herbicide rates to help prevent the onset of resistance.
- Control weeds when they're small and actively growing. Weeds less than 6 inches have fewer growing points for herbicides to target and control.
- Select the right nozzles, pressure and boom height indicated on the herbicide label for optimal coverage.
- Think of the big picture that goes beyond the field and herbicides. Develop an integrated weed control program by incorporating mechanical cultivation, rotating crops, using cover crops and planting weed-free crop seed. Also, reduce weed seed production by managing weeds in and around fields, both during and after harvest.



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