



The Powerful Components of the PowerCore® Enlist® Corn System

Growers are choosing to plant PowerCore® Enlist® corn for a lot of reasons—flexibility, compatibility with Enlist E3® soybeans and outstanding weed and pest control. As you're out talking to customers about all that PowerCore Enlist corn has to offer, it can be helpful to organize your thinking around three big advantages: improved above-ground pest control, more weed control options and genetic diversity. Think of it as a 1-2-3 punch. We've summed them up for you here for quick reference.

1. Powerful above-ground pest control

Why it matters to farmers: PowerCore Enlist corn has more modes of action against above-ground pests compared to VT Double PRO® corn. This lets farmers diversify their insect trait portfolio for better control of yield-robbing pests today and less potential for resistance in the future.

What does PowerCore Enlist corn deliver?

A pyramid of traits

PowerCore Enlist corn incorporates three proteins: Cry1A.105, Cry2Ab and Cry1F. Since some insects are showing resistance to Cry1 traits—which are common in many trait systems for above-ground pests—introducing an additional mode of action (Cry2Ab) helps slow resistance development in targeted pests. A pyramid approach also enhances “trait durability,” so the technology will work for many seasons to come.

More modes of action against key pests

PowerCore trait technology offers one of the broadest spectrum protections against above-ground insects in corn, with more insect protection than what's available with VT Double PRO corn.



Fits with an IPM approach

Integrated Pest Management (IPM) integrates responsible use of traits and management practices. With PowerCore Enlist corn, farmers can proactively address resistance concerns by incorporating additional modes of action against above-ground pests.

2. Powerful weed control options

Why it matters to farmers: PowerCore Enlist corn is tolerant to four herbicides, which enables the use of multiple sites of action to control weeds and help prevent development of resistant weeds, while also letting farmers design an approach that works for their farm.

What does PowerCore Enlist corn deliver?

Tolerance to four herbicides with outstanding weed control efficacy.

- **2,4-D choline in Enlist® herbicides**

This tolerance allows farmers to use 2,4-D on corn up to 30" (or with drop nozzles, up to 48") without the risk of injury seen with traditional 2,4-D.

- **Glyphosate**

When farmers pair 2,4-D choline in Enlist herbicides with glyphosate, it helps fill gaps created by glyphosate resistance, complementing glyphosate control.¹

- **Glufosinate**

Liberty® herbicide is the preferred tank-mix partner with Enlist One® herbicide. Enlist One + Liberty herbicide is one of the most effective postemergence tank-mixes against late-emerging broadleaves, adding a new site of action (Group 10) against corn weeds.

- **FOP herbicides**

Tolerance to FOP herbicides helps control volunteer corn and other grassy weeds, including glyphosate-resistant grassy weeds that are becoming more common in some areas.

Reduced volatility for less worry

Enlist herbicides offer a neighbor-friendly alternative to dicamba herbicides. When farmers treat PowerCore Enlist corn, they can feel confident Enlist herbicides will land and stay on target. This is because the 2,4-D choline in Enlist herbicides is a completely new molecule with an extremely stable structure. When combined with Colex-D® technology in Enlist herbicides, 2,4-D choline is the least volatile form of 2,4-D, with near-zero volatility and reduced potential for drift. Plus, tank-mixing Enlist herbicides with acidic products or AMS does not "break" the low-volatility characteristics of Enlist herbicides. EnlistTankMix.com features more than 1,000 qualified tank-mix products.

3. Powerful genetic diversity

Why it matters to farmers: Drawing from the deep germplasm pool at Corteva Agriscience, the PowerCore® Enlist® corn portfolio gives farmers access to genetics that weren't previously available in the licensing market. This portfolio not only allows us to deliver top-performing products, it also increases the chances for farmers to succeed against unpredictable future challenges from nature, like emerging insect or disease pressures.



What does PowerCore Enlist corn deliver?

Performance driven by advanced genetic technologies

Starting with one of the world's largest germplasm pools, Corteva scientists evaluate hundreds of thousands of possible contenders for the corn portfolio each year. Through a process that uses advanced computer analytics, predictive modeling and technology like drones, they narrow down to the best of the best hybrids for commercialization.

Access to genetics from the best suppliers in the business

Corteva works with the nation's leading genetic suppliers, including Peterson Corn Genetics, Thurston Genetics and Illinois Foundation Seeds, Inc., with a focus on developing elite corn genetics. Potential corn products are tested extensively in a range of conditions to evaluate on-farm performance.

With three powerful advantages—above-ground pest control, weed control options and genetic diversity—PowerCore Enlist corn brings your customers choices, flexibility and performance in a package that can serve their fields for many seasons to come.

¹Corteva Agriscience data on file.



[™] Trademarks of Corteva Agriscience and its affiliated companies. 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. PowerCore® multi-event technology developed by Corteva Agriscience and Monsanto Technology LLC. PowerCore® is a registered trademark of Monsanto. Always follow IRM, grain marketing and all other stewardship practices and pesticide label directions. B.t. products may not yet be registered in all states. Check with your seed representative for the registration status in your state. Assure® II herbicide is currently the only FOP herbicide for in-crop use with Enlist® corn. Assure II herbicide (quizalofop) is a Group 1 herbicide for grass control. Liberty®, LibertyLink® and the Water Droplet Design are trademarks of BASF. Genuity VT Double PRO® is a registered trademark of Bayer Group. Always read and follow label directions.

© 2023 Corteva.