



Power and Protection in New Corn Technology

The introduction of PowerCore® Enlist® corn gave farmers advanced genetics with powerful pest and weed protection. This year, with the availability of PowerCore® Enlist® Refuge Advanced® corn, farmers have even more choices in corn technology.

PowerCore® Enlist® corn and PowerCore® Enlist® Refuged Advanced® corn deliver effective herbicide tolerances and powerful above-ground pest control in an easy-to-use system from one of the world's most diverse genetic pipelines.

More weed control options with less volatility

With tolerance to four herbicides – 2,4-D choline, glyphosate, glufosinate and FOP herbicides – PowerCore Enlist corn has multiple sites of action for excellent weed control to help reduce the development of resistant weeds. Enlist® herbicides can be used for burndown, as a residual, preemergence and postemergence. Plus, 2,4-D choline can be applied on tolerant corn up to 30" tall (or 48" with drop nozzles) to control late post-emergent broadleaf pressure without worries about twisting or brittleness.

Enlist herbicides feature 2,4-D choline with Colex-D® technology, a completely new molecule with an extremely stable structure. This makes it the least volatile form of 2,4-D, with near-zero volatility and a reduced potential for drift. When used according to the label and nozzle recommendations, farmers can treat PowerCore Enlist corn knowing Enlist herbicides will land and stay on target, making it a neighbor-friendly alternative to dicamba herbicides.

A pyramid of protection against pests

PowerCore Enlist corn offers three modes of action for powerful protection against above-ground pests, including susceptible European corn borer, fall armyworm and southwestern corn borer, plus

greater protection against black cutworm versus other products. PowerCore Enlist corn includes three proteins, with each offering a unique mode of action. Multiple modes of action help delay insect populations developing resistance to Bt proteins. PowerCore Enlist corn fits well with an integrated pest management (IPM) strategy that combines responsible use of traits and management practices.

An effective weed and pest management system that's easy to use

PowerCore Enlist corn is part of the Enlist® weed control system, which is designed to prevent resistance development seen with past trait technologies. A program approach and the different sites of action help reduce the risk of herbicide resistance. It proactively addresses pest resistance risks by introducing next-generation Bt traits. With the introduction of PowerCore Enlist Refuge Advanced corn, farmers can have the added flexibility of an integrated refuge in a single-bag solution.

It's also easy to use Enlist herbicides with other products, since they are compatible with over one thousand approved tank-mix partners, including ammonium sulfate (AMS) products. Farmers can visit EnlistTankMix.com for a complete list of qualified tank-mix products. It includes Liberty® herbicide – Enlist One® herbicide plus Liberty herbicide is one of the most effective postemergence tank-mixes on the market against late-emerging broadleaves like waterhemp and pigweed.



A product pipeline focused on the future

In addition to learning about the powerful weed and pest protections available to farmers with today's PowerCore Enlist corn and PowerCore Enlist Refuge Advanced corn products, farmers will be happy to know that these traits will keep getting better. Corteva Agriscience's genetic pipeline is powered by one of the world's largest germplasm libraries and more than 100 years of leadership in corn breeding. This advanced breeding technology will deliver more products faster than ever, with more product customization and choice to help you offer farmers the right products for their corn acres.

With the power of its weed and pest protection in an easy-to-use system with an integrated refuge option, we think your customers will be excited to plant PowerCore Enlist corn on their acres this year.

The PowerCore® Enlist® Refuged Advanced® trait will not be offered for sale or distribution until completion of field testing and applicable regulatory reviews.



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Advanced® trait will not be offered for sale or distribution until completion of field testing and applicable regulatory reviews. 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 registered trademarks of BASF. ®Roundup and Roundup Ready are registered trademarks of Bayer Group. Always follow IRM, grain marketing and all other stewardship practices and pesticide label directions. Bt products may not yet be registered in all states. Check with your seed representative for the registration status in your state. Product responses can vary by location, pest population, environmental conditions and agricultural practices. Please contact your Corteva Agriscience sales professional for information and suggestions specific to your operation. Individual results may vary. Various factors, including pest pressure, reduced susceptibility and insect resistance in some pest populations may affect efficacy of certain corn technology products in some regions. To help extend durability of these technologies, Corteva Agriscience recommends you implement Integrated Pest Management (IPM) practices such as crop rotation, cultural and biological control tactics (including rotating sources of Bt-protected corn traits), pest scouting and appropriate use of pest thresholds when employing management practices such as insecticide application. You must also plant the required refuge when using these technologies. Please contact your sales professional or consult with your local university extension for more information regarding insect resistance management guidelines, best management practices and to understand whether there has been a shift in susceptibility or insect resistance with certain pests documented in your area. Always read and follow label directions.

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