What can PowerCore® Enlist® corn do for your customers?

Complementing Enlist E3® soybeans is just one of the reasons farmers are taking a closer look at this advanced trait technology.

With sales season in full swing, many seed companies are seeing an uptick in customer interest about PowerCore® Enlist® corn, one of the newer trait offerings from Corteva Agriscience. Here are some of the questions our field teams are hearing, and answers that reveal why your customers might consider PowerCore Enlist corn.

What traits do I get with PowerCore Enlist corn?

Just as the name says, PowerCore Enlist corn combines PowerCore trait technology with Enlist trait technology. The PowerCore trait technology component provides protection against above-ground insects, while the Enlist trait technology confers tolerance to four herbicides: 2,4-D choline in Enlist herbicides, glyphosate, glufosinate and FOP herbicides.

Is the insect protection from PowerCore trait technology different from other options out there?

Yes. PowerCore trait technology offers one of the broadest-spectrum protections against above-ground insects in corn. The pyramid of *Bt* proteins in PowerCore trait technology delivers three modes of action against European corn borer, fall armyworm and Southwestern corn borer—VT Double PRO® corn only offers two modes of action.

I already spray my corn with 2,4-D. What's the benefit of using Enlist® herbicides with 2,4-D choline on PowerCore® Enlist® corn?

If your corn doesn't contain trait tolerance to 2,4-D, the application window for traditional 2,4-D is rather short — any application after V5 can cause brittle and leaning stalks. But, because PowerCore® Enlist® corn is tolerant to 2,4-D choline in Enlist® herbicides, farmers can broadcast apply Enlist herbicides as late as V12 and up to 30" corn (30"-48" corn with drop nozzles). This enables effective late-season control of tough broadleaves, giving you the powerful weed control of 2,4-D choline when you really need it!

I've heard good things about ease of use with Enlist herbicides and Enlist E3® soybeans. Is the experience similar for PowerCore Enlist corn?

Absolutely. The Enlist trait technology in PowerCore Enlist corn enables the convenience and flexibility farmers are really enjoying with Enlist E3 soybeans. PowerCore Enlist corn can be treated with either Enlist Duo® herbicide, which is a convenient blend of 2,4-D choline and glyphosate, or Enlist One® herbicide, which is straight-goods 2,4-D choline that offers additional tank-mix flexibility. There are thousands of qualified tank-mix partners for Enlist herbicides (found at EnlistTankMix.com), so you can create the weed control program that works for your farm.

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What are the benefits of FOP tolerance?

Assure II herbicide is registered for use on Enlist corn and can be used to help control grasses and volunteer corn without the Enlist trait. This tolerance is unique to corn with the Enlist trait, allowing you an additional tool and a new mode of action in-crop in corn.

I'm already planting Enlist E3 soybeans. Should I plant PowerCore Enlist corn?

If your farm does not have below-ground insect pressure, planting PowerCore Enlist corn hybrids can really help simplify your season. You'd be able to treat both your corn and soybeans with Enlist herbicides, so there's just one system to use and manage. If you use dicamba on your corn now, you may have had to adjust your planting placement or timing to protect against off-target movement to your Enlist E3 soybean fields. By switching to PowerCore Enlist corn, you can eliminate this concern on your farm, since both crops are tolerant to Enlist herbicides. Because Enlist herbicides inherently have near-zero volatility and reduced physical drift potential, you can also worry less about off-target movement causing injury to neighbors' fields.

How does PowerCore Enlist corn yield?

Farmers have seen great results from PowerCore Enlist corn from the past few seasons. By protecting against the yield-robbing effects of above-ground insects and tough weeds, PowerCore Enlist corn improves yield potential. This trait technology is also incorporated into some of the best-performing genetics available in the world. More hybrid options will be introduced with subsequent seasons, expanding choices for agronomic and defensive traits and allowing seed companies to even more closely match hybrids to the diverse field conditions of corn growers.

If your customers have additional questions about the advantages of PowerCore Enlist corn, reach out to your Corteva Agriscience account manager for educational resources.

How does PowerCore® trait technology stack up?

	Primary Pest Controlled	PowerCore® Enlist® corn	VT Double PRO® corn
	 Black cutworm	✓	NONE
	 Corn earworm	✓✓	✓✓
3 modes of action	 European corn borer	✓✓✓	✓✓
3 modes of action	 Fall armyworm	✓✓✓	✓✓
3 modes of action	 Southwestern corn borer	✓✓✓	✓✓

Checkmarks represent number of modes of action for control over specified pest.

* PowerCore Enlist corn requires a 5% refuge in the Corn Belt and a 20% refuge in cotton-growing areas.