

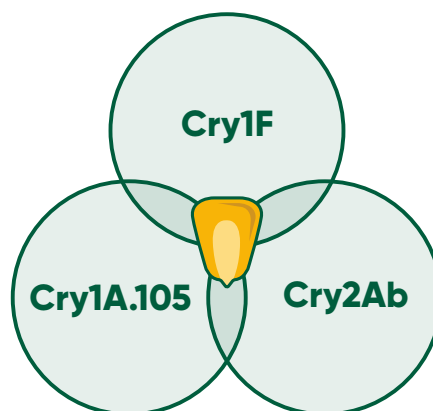
A Primer on PowerCore® Enlist® Corn

Powerful above-ground pest protection

PowerCore® Enlist® corn incorporates three *Bt* proteins to protect against above-ground pests. This pyramid of traits allows for three unique modes of action, helping to provide broad-spectrum, durable efficacy that reduces risks of insects developing resistance. This pyramid of traits also helps farmers deal with variable and regional insect pressures. In years where black cutworm and fall armyworm pressures are heavier, the additional Cry1F protein in PowerCore Enlist corn helps manage those threats.

A pyramid of traits

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







Each protein offers a unique mode of action.

Multiple modes of action delay insect populations developing resistance to *Bt* proteins.

More modes of action against troublesome pests

- PowerCore® trait technology offers one of the broadest spectrum protections against above-ground insects in corn.
- Protects against stalk-boring insects that can be particularly damaging, with excellent efficacy against:
 - European corn borer
 - Fall armyworm
 - Southwestern corn borer
- Delivers more insect protection than what's available with VT Double PRO® corn.

How does PowerCore® trait technology stack up?

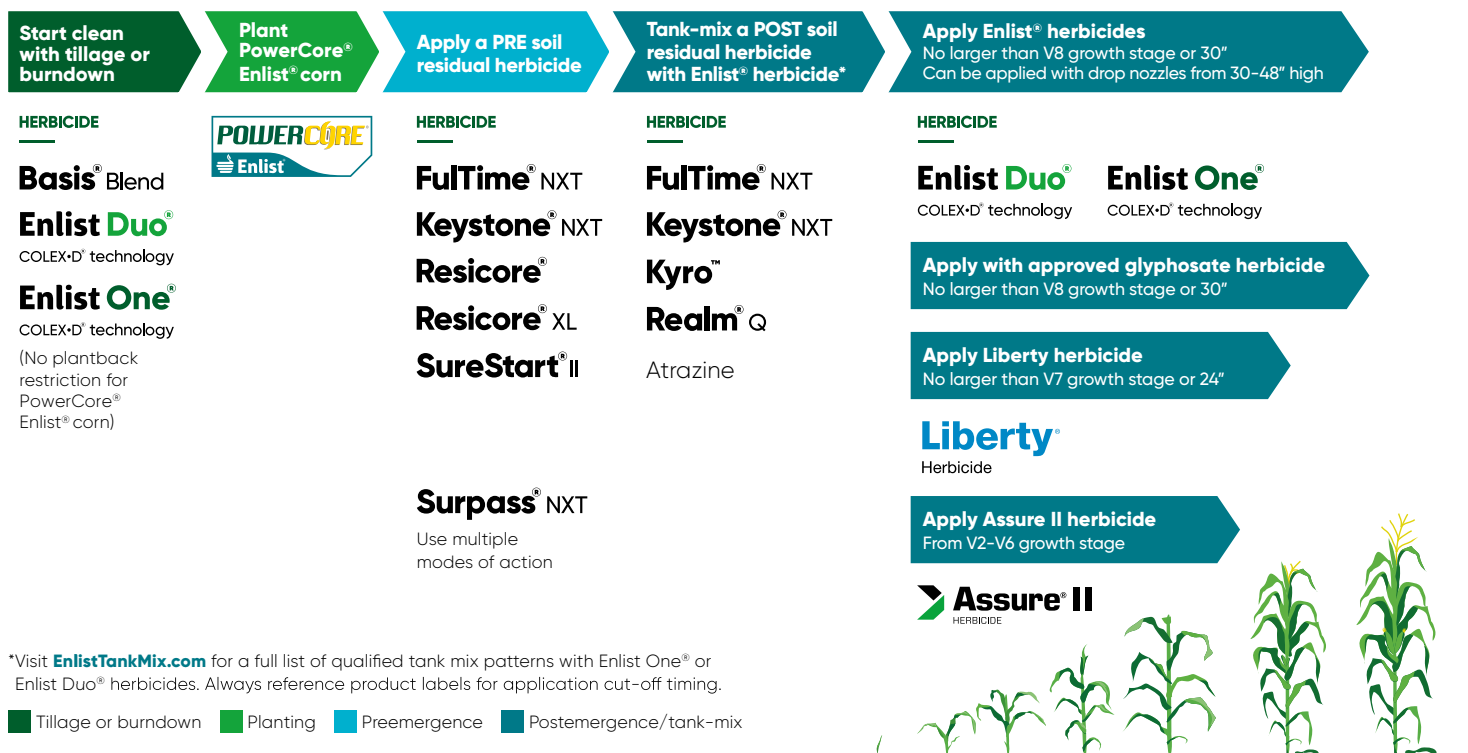
	Primary Pest Controlled	PowerCore® Enlist® corn	VT Double PRO® corn
	 Black cutworm	✓	NONE
3 modes of action	 European corn borer	✓✓✓	✓✓
	 Fall armyworm	✓✓✓	✓✓
	 Southern corn borer	✓✓✓	✓✓

✓ = Number of modes of action for control over specified pest.

More choice and flexibility in herbicide management

PowerCore Enlist corn is tolerant to four herbicides: 2,4-D choline in Enlist® herbicides, glyphosate, glufosinate and FOPs. This provides maximum flexibility for farmers in controlling tough, broadleaf weeds as well volunteer corn and grasses – some of which are becoming resistant to glyphosate. For farmers also planting Enlist E3® soybeans, the tolerance to 2,4-D choline in Enlist herbicides adds extra convenience, allowing them to treat both crops. Since the 2,4-D formulation in Enlist herbicides can be used on corn up to 30" tall (or 48" tall with drop nozzles), farmers have access to an additional mode of action against weeds when it can be particularly useful. Farmers can also rest easy knowing that, when used according to the label and nozzle recommendations, Enlist herbicides applied on PowerCore Enlist corn will land and stay on target.

The program approach used with the Enlist® weed control system was designed to prevent the resistance development seen with past weed control trait technologies.



Enlist herbicides are compatible with over one thousand approved tank-mix partners, including ammonium sulfate (AMS) products.



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