

CONTROLLING VOLUNTEER CORN IN CORN



Volunteer corn in corn can reduce corn yields by 2% to 5% or more, depending on the number of plants. And volunteer corn that appears in clumps can be even more damaging, reducing yield by up to 14%.¹ Here is how to address volunteer corn and other grasses in fields planted with PowerCore® Enlist® corn.

For volunteer corn that does not carry the Enlist® trait

PowerCore Enlist corn is tolerant to four herbicides, including FOP herbicides, which can be used specifically to address volunteer corn and other grasses. FOP tolerance is a benefit that comes in tandem with PowerCore Enlist corn's traited tolerance to 2,4-D choline in Enlist® herbicides. This really upends the idea that you can't spray grass-controlling herbicides on corn. The additional site of action with FOPs is useful not only against volunteer corn, but against glyphosate-resistant grasses, which are becoming more common.

Recommended approach:

- Apply Assure® II FOP herbicide from V2-V6 growth stage.
- Assure II is currently the only labeled FOP herbicide for in-crop use with Enlist corn.

For corn that carries the Enlist corn trait

Growers should use a system approach with solid agronomic practices to control volunteer corn in subsequent years of planting PowerCore Enlist corn fields. Planting soybeans after PowerCore Enlist corn is recommended, as there are herbicide options for treating all volunteer corn in soybeans (see *next page*). For corn-after-corn planting, PowerCore Enlist corn can be managed using traditional agronomic practices such as tillage.

¹ Rees, Jenny and Amit Jhala. "Impacts of Volunteer Corn on Crop Yields." University of Nebraska-Lincoln Cropwatch. 2018. <https://cropwatch.unl.edu/2018/impacts-volunteer-corn-crop-yields>.



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