

Corteva Agriscience Recommends Liberty[®] Herbicide, Preferred Herbicide Partner with the Enlist[™] Weed Control System

Combination of Enlist One[®] and Liberty[®] Herbicides Handles Resistant Waterhemp and Palmer Amaranth in Fields of Enlist[™] Crops

INDIANAPOLIS, Nov. 20, 2019 — To give farmers the best control of tough and resistant weeds, Corteva Agriscience and BASF are recommending the use of Liberty[®] and Enlist One[®] herbicides on Enlist E3[™] soybean and Enlist[™] cotton acres. These two leading herbicides offer exceptional control of broadleaf weeds including waterhemp, pigweed, kochia, marehail and ragweed species.

“The combination of Enlist One plus Liberty herbicide is lights out on tough pigweed and waterhemp,” says Shawna Hubbard, Trait Herbicide Product Manager, Corteva Agriscience. “Using both products postemergence will help farmers get the cleanest fields they’ve seen in years in areas infested with tough weeds. That’s why Liberty herbicide is now Corteva’s recommended glufosinate for use with the Enlist weed control system.”

Better control via multiple modes of action

Enlist E3 soybeans and Enlist cotton give farmers flexibility in their herbicide selection with tolerance to 2,4-D choline in Enlist herbicides, glufosinate in Liberty herbicide, and glyphosate. This allows farmers and applicators to employ multiple herbicide sites of action. These herbicides offer a strong combination featuring flexibility for farmers.

Growers have trusted Liberty herbicide to deliver consistent weed control with its unique patented formulation. It has consistently controlled broadleaves and grasses on millions of acres for many years and has no known resistance in U.S. row crops.

By using Enlist and Liberty herbicides on the same acre, farmers will obtain superior weed control while helping sustain the long-term efficacy of both herbicides. They give farmers options: Spray these two products at one time with a tank mix of Enlist One plus Liberty herbicide or in planned sequential passes of Liberty herbicide and Enlist Duo herbicide.

“Farmers need flexibility and options in their herbicide programs to control resistant weeds,” says Kate Greif, BASF Liberty Herbicide Product Manager. “Utilizing multiple, effective sites of action in a planned program delivers consistent performance this season, while increasing the long-term sustainability of these chemistries for future seasons. The collaboration between Corteva and BASF gives farmers deeper insights and improved recommendations to combat tough-to-control weeds through two effective postemergence herbicides in Enlist E3 soybean and Enlist cotton fields.”

Convenient, consistent control

The Enlist weed control system builds on single-traited herbicide systems by giving farmers more weed control options.

Farmers should use a program approach that includes starting with effective residuals, followed by Enlist One and Liberty herbicides. This provides more options to keep fields weed free all summer long. Bringing multiple sites of action into the weed control program helps increase overall weed control, curb the development of resistant weeds and sustain the long-term viability of these technologies. According to [University of Illinois research](#), selection for glyphosate-resistant waterhemp within 4 to 6 years was

83% less likely in a field where 2.5 modes of action were used than in a field where only 1.5 modes of action were used.

In addition, because of the inherent stability of 2,4-D choline, adding Liberty® herbicide in the tank with Enlist One® herbicide does not increase the potential for volatility due to acidification. Retailers, applicators and farmers can also feel confident adding qualified AMS products listed on EnlistTankMix.com to optimize performance.

Spray the best and save money

Liberty herbicide – like Enlist™ herbicides – is now part of the Enlist Ahead rewards program. This means farmers can earn an additional rebate when pairing Liberty herbicide with Enlist herbicides on Enlist crops. See Enlist.com or your crop protection retailer for details.

Learn more about the Enlist weed control system, Enlist herbicides and Liberty herbicide. Visit Enlist.com and BASF. Follow Enlist with [@EnlistOnline](https://twitter.com/EnlistOnline) on Twitter or go to the [YouTube channel for Enlist](https://www.youtube.com/channel/UC...).



Cutline: The combination of Enlist One® and Liberty® herbicides gives farmers superior postemergence weed control, featuring multiple sites of action. This also helps curb the development of resistant weeds, prolonging both products' long-term value to growers.

About Corteva Agriscience

Corteva Agriscience is a publicly traded, global pure-play agriculture company that provides farmers around the world with the most complete portfolio in the industry - including a balanced and diverse mix of seed, crop protection and digital solutions focused on maximizing productivity to enhance yield and profitability. With some of the most recognized brands in agriculture and an industry-leading product and technology pipeline well positioned to drive growth, the company is committed to working with stakeholders throughout the food system as it fulfills its promise to enrich the lives of those who produce and those who consume, ensuring progress for generations to come. Corteva Agriscience became an independent public company on June 1, 2019, and was previously the Agriculture Division of DowDuPont. More information can be found at www.corteva.com.

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About BASF's Agricultural Solutions division

With a rapidly growing population, the world is increasingly dependent on our ability to develop and maintain sustainable agriculture and healthy environments. Working with farmers, agricultural professionals, pest management experts and others, it is our role to help make this possible. That's why we invest in a strong R&D pipeline and broad portfolio, including seeds and traits, chemical and biological crop protection, soil management, plant health, pest control and digital farming. With expert teams in the lab, field, office and in production, we connect innovative thinking and down-to-earth action to create real world ideas that work — for farmers, society

and the planet. In 2018, our division generated sales of €6.2 billion. For more information, please visit www.agriculture.basf.com or any of our social media channels.

About BASF

BASF Corporation, headquartered in Florham Park, New Jersey, is the North American affiliate of BASF SE, Ludwigshafen, Germany. BASF has more than 20,000 employees in North America and had sales of \$19.7 billion in 2018. For more information about BASF's North American operations, visit www.basf.com.

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