

# Press Release



## Engenia herbicide from BASF now registered by EPA

Latest BASF innovation in broadleaf weed control now available for dicamba-tolerant soybean and cotton crops

RESEARCH TRIANGLE PARK, NC, December 20, 2016 – BASF today announced the U.S. Environmental Protection Agency (EPA) registration of Engenia™ herbicide. Engenia herbicide controls more than 200 broadleaf weeds, including glyphosate-resistant weeds, in dicamba-tolerant soybeans and cotton. The product provides an additional, effective site of action and will be available for use in the 2017 growing season.

Growers across the Midwest and southern U.S. have been eagerly awaiting approval of this new dicamba-tolerant chemistry as seen by the support of the vast majority who provided feedback during the EPA commentary period. Before reaching its decision, the EPA considered nearly 22,000 comments submitted by growers, researchers, academic experts and other key stakeholders.

Engenia herbicide provides an additional, effective site of action and has several benefits when compared to other dicamba formulations, including:

- >> An advanced formulation, with a 70 percent reduction in volatility when compared to DGA dicamba.
- >> The lowest use rate of all dicamba products on the market.
- >> Added flexibility with the option for direct injection, which reduces the number of tank cleanouts and refills.

“Soybean and cotton growers now have a new tool at their disposal to manage glyphosate-resistant weeds,” said Neil Bentley, Director of Marketing, U.S. Crop, BASF. “Engenia herbicide is our most flexible and advanced dicamba for dicamba-tolerant crops. It’s a product that will help growers better manage weeds to get the most out of every acre.”

To date, glyphosate-resistant weeds have been identified on more than two-thirds of U.S. farm acres, totaling more than 61 million affected acres. According to the International Survey of Herbicide Resistant Weeds, there are currently 16 species of glyphosate-resistant weeds spread across 38 states, and research shows additional weed species are developing resistance to multiple sites of action.

“Glyphosate-resistant weeds are a serious and growing issue across the country,” said Chad Asmus, Technical Marketing Manager, BASF. “Engenia herbicide is part of a complete weed management program that starts with a residual herbicide and utilizes multiple, effective sites of action to control even the toughest weeds.”

BASF studies of Engenia herbicide indicate superior weed control and crop tolerance, and show that the product will:

- >> Be more effective than 2,4-D for residual control of key broadleaf weeds, including waterhemp, common lambsquarters and Palmer amaranth.

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- >> Provide effective post-emergence control of many broadleaf weeds, including smartweed, kochia and cocklebur, as well as superior control of perennial weed Canada thistle compared to 2,4-D.
- >> Deliver more than 95 percent control of both grasses and problematic broadleaf weeds when combined with a BASF residual herbicide.

“The benefits of Engenia herbicide continue beyond weed control,” said Nathan Borgmeyer, Senior Marketing Manager, BASF. “Engenia herbicide is compatible with direct injection technology, adding flexibility to applications and simplifying sprayer cleanout.”

Engenia herbicide is the newest innovation in the BASF herbicide portfolio. The technology behind Engenia herbicide contributes to the continued development of dicamba for effective, on-target applications and is the result of more than 50 years of BASF dicamba technical expertise.

In addition to providing growers with new innovations like Engenia herbicide, BASF continues to support growers through ongoing stewardship and education efforts, including: weed control best practices, resistance management, on-target application and other technical support.

Launched in 2012, the On Target Application Academy offers growers, retailers and custom applicators field-based applicator training, in a one-on-one setting with BASF experts that focuses on proper application. Since the program started, more than 13,400 applicators across 31 states have participated in the stewardship training. A convenient, online version of OTAA will be made available by the end of this year.

To learn more about Engenia herbicide, visit [www.engeniaherbicide.com](http://www.engeniaherbicide.com). For audio, video and photo assets, visit our newsroom.

Always read and follow label directions.

Engenia is a trademark of BASF.

### **About BASF's Crop Protection division**

With sales of more than €5.8 billion in 2015, BASF's Crop Protection division provides innovative solutions for agriculture, turf and ornamental plants, pest control and public health. Our broad portfolio of active ingredients, seed treatments, biological controls, formulations and services optimizes efficient production of high quality food and protects against post-harvest loss, damage to buildings and the transmission of disease. By delivering new technologies and know-how, BASF Crop Protection supports the effort of growers and pest management professionals to make a better life for themselves and society. Further information can be found on the web at [www.agro.basf.com](http://www.agro.basf.com) or on our social media channels.

### **About BASF**

At BASF, we create chemistry for a sustainable future. We combine economic success with environmental protection and social responsibility. The approximately 112,000 employees in the BASF Group work on contributing to the success of our customers in nearly all sectors and almost every country in the world. Our portfolio is organized into five segments: Chemicals, Performance Products, Functional Materials & Solutions, Agricultural Solutions and Oil & Gas. BASF generated sales of more than €70 billion in 2015. BASF shares are traded on the stock exchanges in Frankfurt (BAS), London (BFA) and Zurich (BAS). Further information at [www.basf.com](http://www.basf.com).