

Press Release



Trait deregulation clears the way for new BASF weed control option in cotton and soybeans

Engenia™ herbicide for cotton and soybeans is expected to be available soon
RESEARCH TRIANGLE PARK, N.C., January 16, 2015 – Cotton and soybean growers will gain a new tool for controlling more than 190 broadleaf weeds, including key glyphosate-resistant weeds. The United States Department of Agriculture (USDA) announced deregulation of a dicamba-tolerant trait for cotton and soybeans, which clears the way for the introduction of **Engenia™** herbicide from BASF. **Engenia** herbicide will control the toughest broadleaf weeds post-emergence in dicamba-tolerant cotton and soybeans. A registration decision by the U.S. Environmental Protection Agency (EPA) for **Engenia** herbicide is anticipated to follow this deregulation milestone.

“BASF is committed to providing new technologies for growers, as shown by our \$1.5 million per day investment in agricultural research,” said Scott Kay, Vice President, U.S. Crop Protection, BASF. “Through our continued commitment to innovation, BASF will bring to market its most advanced dicamba formulation, Engenia herbicide.”

The USDA opened public commentary in the fall of 2014 regarding the trait deregulation. According to the feedback on www.regulations.gov, growers believe technologies like dicamba-tolerant cropping systems give farmers choices. Growers stated the technology is necessary so they can continue to improve their farms and remain competitive in the global marketplace by maintaining healthy yields and productivity.

In more than 300 research trials completed in 2011 and 2012, Engenia herbicide demonstrated effective control of resistant broadleaf weeds. When Engenia herbicide is used with other BASF residual herbicides, it has shown more than 95 percent control of both grasses and problematic broadleaf weeds.

As a key part of the dicamba-tolerant cropping system, Engenia herbicide will be used to help protect yield potential and manage increasingly complex weed challenges. According to 2012 field research trials, Engenia herbicide has been shown more effective than 2,4-D on key broadleaf weeds, such as Palmer amaranth, waterhemp, marestail and common and giant ragweed, and provides up to two weeks of soil residual activity to control weeds before they emerge.

“BASF has leveraged more than 50 years of technical expertise with dicamba to develop Engenia herbicide,” Kay said. “Engenia herbicide will provide a much-needed new tool to help growers manage weed problems in dicamba-tolerant cotton and soybeans.”

For more information on herbicide best practices, please visit <http://agro.basf.us/stewardship/herbicide-best-practices.html>.

For more information on BASF Crop Protection products, visit <http://agproducts.basf.us>, like us on Facebook and follow us on Twitter.

Engenia is a trademark of BASF.

About BASF's Crop Protection division

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With sales of more than €5.2 billion in 2013, BASF's Crop Protection division provides innovative solutions in crop protection, seed treatment and biological control as well as solutions to manage water, nutrients and plant stress. Its portfolio also includes products for turf and ornamental plants, pest control and public health. BASF's Crop Protection division is a leading innovator that supports growers to optimize agricultural production, improve their business efficiency and enhance the quality of life for a growing world population. Further information can be found on the web at www.agro.basf.com or through 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 nearly 17,000 employees in North America, and had sales of \$19.3 billion in 2013. For more information about BASF's North American operations, visit www.basf.us.

At BASF, we create chemistry – and have been doing so for 150 years. Our portfolio ranges from chemicals, plastics, performance products and crop protection products to oil and gas. As the world's leading chemical company, we combine economic success with environmental protection and social responsibility. Through science and innovation, we enable our customers in nearly every industry to meet the current and future needs of society. Our products and solutions contribute to conserving resources, ensuring nutrition and improving quality of life. We have summed up this contribution in our corporate purpose: We create chemistry for a sustainable future. BASF had sales of about €74 billion in 2013 and over 112,000 employees as of the end of the year. Further information on BASF is available on the Internet at www.basf.com.

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