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Southern Growers Confirm Significant Advancements and Reductions in Off-Target Movement with Enlist Duo™ Herbicide

'No issues at all,' 'Not volatile,' 'Takes away the fear,' Growers Report

INDIANAPOLIS — July 31, 2015 — From North Carolina to Texas, Southern farmers are reporting on how Enlist Duo™ herbicide with Colex-D™ Technology performs on the toughest weeds. For the first time ever, growers planted PhytoGen® cottonseed with the Enlist™ trait in on-farm research plots, and applied Enlist Duo herbicide in-crop. Additional growers across the South put Enlist soybeans to the test on their farms. The growers are now sharing their experiences.

The Enlist™ Weed Control System, a new herbicide-tolerant trait technology, gives growers more weed control options in one convenient system. Enlist cotton and Enlist soybeans provide tolerance to Enlist Duo herbicide — a proprietary blend of 2,4-D and glyphosate — as well as full tolerance to glufosinate herbicides.





Near Zero Volatility, Minimized Potential for Drift Proven on Southern Farms

Enlist Duo herbicide features Colex-D Technology, a package that provides near zero volatility and minimized potential for drift—key attributes for Southern growers who farm near specialty crops or crops sensitive to 2,4-D. The combination of formulation improvements in Enlist Duo when used with recommended nozzles has been shown to provide up to 90% reduction in physical drift compared to traditional 2,4-D.

Enlist Duo™ herbicide with Colex-D Technology will be the only 2,4-D-containing herbicide labeled for in-crop use with Enlist soybeans and, pending regulatory approval, with Enlist cotton. Growers participating in the on-farm research plots confirmed the reductions in off-target movement potential.

“It takes away the fear,” says Jon Whatley, Texas grower and cotton research plot participant. “It stayed where we applied it. I’m comfortable with it and want the guy farming next to me to be comfortable with it and know he’s not going to see damage.”

Other growers reported similar experiences to Whatley’s. The Enlist™ cotton research plot managed by Mississippi grower Trey Koger, Ph.D., is near a tomato farm. Before applying Enlist Duo, he double-checked wind speed and direction.

“With sensitive crops, a mile and a half is really not that far when it comes to drift,” Koger says. “[With Enlist Duo,] I had no issues at all with drift or volatility.”

The near zero volatility stood out to Arkansas grower William Lane during his experience with Enlist soybeans. “It’s definitely not volatile like traditional 2,4-D,” Lane says. “After we sprayed Enlist Duo, we saw no volatility or movement to any other crop in the nearby area.”

The advanced herbicide also provides low odor and improved handling characteristics. Both benefits enhance the overall application experience for growers.

Growers Report Exceptional Control on the Toughest Weeds

Participants have been contending with a wide spectrum of resistant and tough weeds—some of them for several years. Growers applied Enlist Duo on Palmer amaranth, marehail, giant ragweed and others. The growers utilize various cultural practices on their farms, including crop rotation practices, tillage programs and irrigation systems.



Lane, who farms in southern Arkansas next to the Mississippi River, has a wide spectrum of the toughest weeds. His primary interest in the Enlist system is finding an option to control glyphosate-resistant weeds.

“Enlist Duo did a great job of controlling the weeds,” Lane says. “It was devastating to the weeds and we saw no adverse effects on the beans whatsoever.”

The ability to apply a herbicide containing 2,4-D in-season gives cotton growers a new mindset—one they welcome.

“I never thought I would see the day that you’d be able to spray 2,4-D over cotton,” Koger says. “The crop tolerance was excellent and comparable with other herbicide programs we’ve used.”

One-of-a-kind support to sustain the technology

Unique to the Enlist system, the Enlist Ahead management resource supports growers throughout the season. This includes the in-field technical expertise of Enlist™ field specialists. With easy-to-follow management practices, Enlist Ahead helps growers manage the technology to achieve the full benefits, including weed control, on-target applications and weed resistance management.

Growers benefit by receiving the best results from the Enlist Weed Control System — today and in the future — with management recommendations and resources, education and training, and technology advancements.

The grower research plots in the South add to the many on-farm acres featuring the Enlist Weed Control System this season. Additional growers are participating in the stewarded introduction of Enlist™ corn and the Field Forward™ program for Enlist soybean production in the Midwest and South.

For more information and to learn more about growers’ experiences with the Enlist system, visit the new “Experiencing Enlist” section of Enlist.com, the Enlist [YouTube channel](#) or [@EnlistOnline](#) on Twitter.



About Dow AgroSciences

Dow AgroSciences discovers, develops, and brings to market crop protection and plant biotechnology solutions for the growing world. Based in Indianapolis, Indiana, USA, Dow AgroSciences is a wholly owned subsidiary of The Dow Chemical Company and had annual global sales of \$7.3 billion in 2014. Learn more at www.dowagro.com. Follow Dow AgroSciences on [Facebook](#), [Twitter](#), [LinkedIn](#), and [Google+](#), or subscribe to our [News Release RSS Feed](#).

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Enlist Duo™ herbicide with Colex-D™ Technology stays on target as it is applied to an Enlist™ cotton research plot.



Southern growers with on-farm research plots are impressed by how the Enlist™ system offers exceptional weed control and crop tolerance.