



## PRODUCT/TECHNOLOGY UPDATE

### Introduction to Enlist™ Corn and Soybeans and the Enlist™ Weed Control System

#### AGVENTURE INTRODUCES ENLIST™

AgVenture is pleased to introduce an important new technology in the Enlist™ Weed Control system.

The Enlist Weed Control system from Dow AgroSciences includes:

- Enlist traits
- Herbicides including Enlist One® and Enlist Duo® herbicide with Colex-D technology
- Enlist Ahead, a management resource, mobile app and information

The Enlist trait in corn and soybeans is tolerant to 2,4-D choline plus glyphosate. The next generation Enlist soybeans, Enlist E3™, is tolerant to 2,4-D choline, glyphosate, and glufosinate.

The Enlist trait enables growers to use Enlist Duo and Enlist One herbicides over the top of corn and



Left: Giant ragweed sprayed with 1x amount of glyphosate herbicide.



Right: Giant ragweed sprayed with 1x amount of Enlist Duo® herbicide.

soybeans for broad-spectrum weed control. The 2,4-D choline tolerance in Enlist crops expands the application window in corn and provides improved weed control in the same wide application window growers are used to in soybeans.

Weed competition impedes maximum yields and can compromise crop health. Weed resistance has become a growing problem and in some cases has seriously

limited growers' ability to achieve maximum yields while limiting their profitability.

Extensively tested across corn and soybean growing regions by researchers in the industry and in dedicated university research, the system is providing growers with excellent weed control and extended periods of application for greater flexibility without crop injury when used as recommended. In field experiments across the region, Enlist Duo on Enlist crops showed excellent control of glyphosate-resistant broadleaf weeds including giant ragweed and marestail.

When planting AgVenture® brand corn and soybeans with the Enlist traits, growers realize benefits of robust crop tolerance which allows a wide application window for Enlist Duo herbicide:

- Up to the V8 stage or 30-inch tall Enlist Corn,
- Through R2 and full flower stage in Enlist soybeans

All Enlist crops have traits that make them tolerant to 2, 4-D choline as well as glyphosate. Enlist corn also has tolerance to the “-fop” grass herbicides that contain quizalofop. Enlist soybeans are also resistant to glufosinate.

## Problem Weeds Controlled

- ✓ Common ragweed
- ✓ Morningglory
- ✓ Giant ragweed
- ✓ Palmer amaranth<sup>1</sup>
- ✓ Lambsquarters
- ✓ Velvet leaf
- ✓ Marestalk<sup>1</sup>
- ✓ Waterhemp

<sup>1</sup>May require a broader management plan including timely application and use of a soil residual herbicide. <sup>2</sup>Trademark of The Dow Chemical Company ("Dow") or E. I. du Pont de Nemours and Company ("DuPont") or affiliated companies of Dow or DuPont. Enlist Duo and Enlist One™ herbicides are not registered for sale or use in all states or counties. Contact your state pesticide regulatory agency to determine if a product is registered for sale or use in your area. Enlist herbicides are the only 2,4-D products authorized for use in Enlist crops. Always read and follow label directions. ©2018 Dow AgroSciences LLC. 8072-M-4

## AGVENTURE'S ENLIST OFFERINGS

AgVenture is pleased to offer customers Enlist corn for the 2019 crop. These products are available across a broad range of genetics that AgVenture locally adapts and specifically selects for our customers. E3 soybeans will be available upon approval.



### Herbicide Tolerances

- **2,4-D choline**
  - **Glyphosate**
  - **FOP herbicides**
- Insect protection from SmartStax®**

### Herbicide Tolerances

- **New 2,4-D**
- **Glyphosate**
- **Glufosinate**



## THE HERBICIDES

The traits in Enlist corn and soybeans allow plants to metabolize 2,4-D choline. The herbicides, Enlist One and Enlist Duo both offer exceptional protection to hard-to-control broadleaf weeds including Palmer amaranth, waterhemp and giant ragweed. Enlist Duo combines 2, 4-D choline and glyphosate. Enlist One is a straight-goods 2, 4-D choline with additional tank-mix flexibility.

The Colex-D® technology is proprietary technology that differentiates the performance and handling characteristics of Enlist herbicides. The new formulation provides near-zero volatility, minimized potential for drift, lower odor, and better handling characteristics than commercially available 2,4-D amine or ester formulations.

### GET DETAILS ABOUT ENLIST FROM YOUR AGVENTURE YIELD SPECIALIST

A third important component of the Enlist system a stewardship program that provides growers with recommendations, tools, and training to ensure wise use this technology. The combination of crop tolerance and exceptional weed control helps AgVenture customers control weeds better and optimize yields. Used in tandem with your AgVenture cropping plan, your AgVenture Yield Specialist may help you determine opportunities to use the genetics, technologies and strategies together to help you maximize your profitability.

Talk with your AgVenture Yield specialist for more information on incorporating this system into your high-yield production strategy.

## OPTIONS FOR WEED CONTROL



**Straight-goods 2,4-D choline with additional tank-mix flexibility**

- 2,4-D choline as the basis for exceptional control
- Compatibility to tank-mix with qualified glufosinate, residual herbicides, insecticides and more
- Customize the ratio of herbicides to match each farm's needs



**Convenient proprietary blend of 2,4-D choline and glyphosate**

- Multiple modes of action in a convenient blend
- Fit for acres where grass control is needed; works well for burndown
- Improved tank stability for a blend that stays mixed

### Both with the benefits of Colex-D® technology

**AGVENTURE, INC.** is the nation's largest network of independently owned regional seed companies. AgVenture provides this growing network of Regional Seed Companies with seed products meeting exacting standards for quality, together with leading-edge genetics and technology. Since 1983, this unique marketing approach has allowed each individual company to match the hybrids and varieties it sells to the specific needs of the geographical area it serves. Combined with professional seed representation at a local level, AgVenture strives to help every grower realize more profit from every field.

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