

# AUTHORITY<sup>®</sup> FIRST DF HERBICIDE

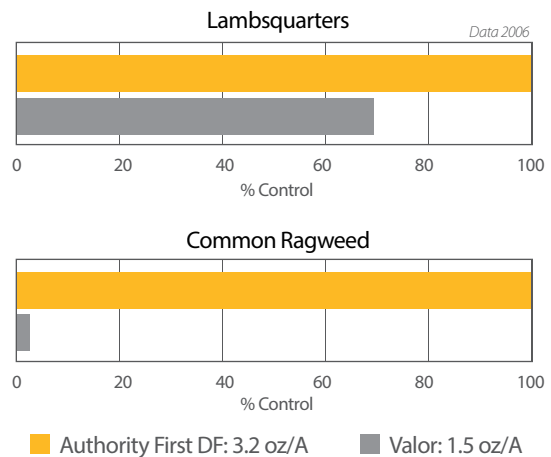
Spring Preemergence Treatment or Fall Application  
for a Clean Start in the Spring

## Product Characteristics

- Residual broadleaf foundation for soybean weed control for an early, clean start
- Dual mode of action helps prevent development of resistant weed populations
- Preemergence soil herbicide combined in your burndown program offers dual action to get fields off to a clean start
- Effective in no-till, minimum-till and conventional-tillage soybeans for maximum flexibility
- Outstanding residual start for a Roundup PowerMAX<sup>®</sup> herbicide program to help maintain yield potential

## Authority First DF vs Valor<sup>®</sup> herbicide

The Ohio State University



Authority First



Untreated



## Usage Recommendations

Application	Rate
Before Roundup PowerMAX herbicide application on Roundup Ready <sup>®</sup> soybeans	4.0 oz/A* (Equals 1/2 minimum full rates)
Full rates on conventional soybeans	6.45 to 8.0 oz/A*

\* See label for specific soil pH and organic matter use rate recommendations.

## Weed Spectrum

### Broadleaf Weed Control and Suppression

- |   |  |  |                           |
|---|--|--|---------------------------|
| • Amaranth<br>- Palmer<br>- Spiny       | • Horseweed (Marestail)**  | • Mustard, Wild  | • Senna, Coffee           |
| • Anoda, Spurred                        | • Jimsonweed   | • Nightshade<br>- Eastern Black<br>- Hairy<br>- Silverleaf | • Sida, Prickly (Teaweed) |
| • Beggarweed, Florida                   | • Kochia   | • Pigweed<br>- Redroot<br>- Smooth<br>- Tumble             | • Smartweed, Pennsylvania |
| • Carpetweed                            | • Ladysthumb   | • Poorjoe  | • Smellmelon              |
| • Cocklebur, Common                     | • Lambsquarters, Common  | • Purslane, Common   | • Spurge, Spotted         |
| • Copperleaf, Hophornbeam               | • Mallow, Venice   | • Pusley, Florida  | • Starbur, Bristly        |
| • Croton, Tropic                        | • Mexicanweed  | • Ragweed<br>- Common**<br>- Giant**                       | • Sunflower, Common**     |
| • Daisy, American                       | • Morningglory<br>- Entireleaf<br>- Ivyleaf<br>- Palmleaf<br>- Pitted*<br>- Purple<br>- Red<br>- Smallflower<br>- Tall |  | • Thistle, Russian        |
| • Dayflower, Common                     |  |  | • Velvetleaf              |
| • Galinsoga, Hairy                      |  |  | • Waterhemp, Tall         |
| • Groundcherry<br>- Clammy<br>- Cutleaf |  |  |                           |

### Grass Weed Control and Suppression

- |   |   |                           |                   |
|---|---|---------------------------|-------------------|
| • Barnyardgrass*                                  | • Crowfootgrass*                              | • Goosegrass              | • Panicum         |
| • Broadleaf Signalgrass                           | • Foxtail<br>- Giant*<br>- Green<br>- Yellow* | • Johnsongrass, Seedling* | - Fall<br>- Texas |
| • Crabgrass<br>- Large<br>- Smooth<br>- Southern* |   | • Orchardgrass            |                   |

\*Indicates suppression or partial control only.

\*\*Will not control ALS-resistant biotypes of these weed species.

## No-till Burndown in Soybeans, University of Kentucky

Weed Control – 25 days after planting

