

AUTHORITY[®] FIRST DF HERBICIDE

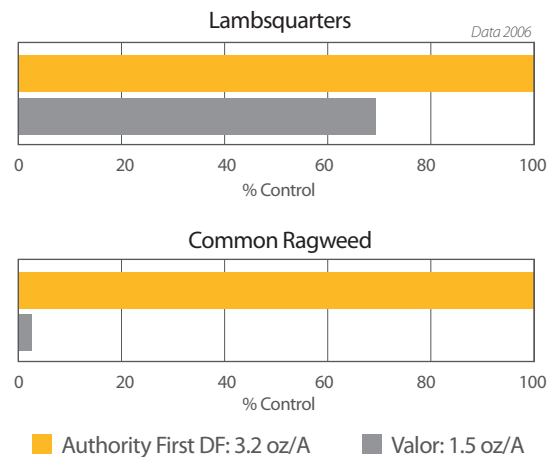
Spring Preemergence Treatment or Fall Application
for a Clean Start in the Spring

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[®] program to help maintain yield potential

Authority First DF vs Valor[®]

The Ohio State University



Authority First



Untreated



Usage Recommendations

Application	Rate
Before Roundup PowerMAX application on Roundup Ready [®] 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, Palmer | • Horseweed (marestail)** | -Red | • Pusley, Florida |
| • Amaranth, spiny | • Jimsonweed | -Smallflower | • Ragweed, common** |
| • Anoda, spurred | • Kochia | -Tall | • Ragweed, giant** |
| • Beggarweed, Florida | • Ladysthumb | • Mustard, wild | • Senna, coffee |
| • Carpetweed | • Lambsquarters, common | • Nightshade, eastern black | • Sida, prickly (teaweed) |
| • Cocklebur, common | • Mallow, Venice | • Nightshade, hairy | • Smartweed, Pennsylvania |
| • Copperleaf, hophornbeam | • Mexicanweed | • Nightshade, silverleaf | • Smellmelon |
| • Croton, tropic | • Morningglory: | • Pigweed: | • Spurge, spotted |
| • Daisy, American | -Entireleaf | -Redroot | • Starbur, bristly |
| • Dayflower, common | -Ivyleaf | -Smooth | • Sunflower, common** |
| • Galinsoga, hairy | -Palmleaf | -Tumble | • Thistle, Russian |
| • Groundcherry, clammy | -Pitted* | • Poorjoe | • Velvetleaf |
| • Groundcherry, cutleaf | -Purple | • Purslane, common | • Waterhemp, tall |

Grass Weed Control and Suppression

- | | | | |
|-------------------------|------------------------|---------------------------|------------------|
| • Barnyardgrass* | • Crabgrass, southern* | • Foxtail, yellow* | • Panicum, fall |
| • Broadleaf signalgrass | • Crowfootgrass* | • Goosegrass | • Panicum, Texas |
| • Crabgrass, large | • Foxtail, giant* | • Johnsongrass, seedling* | |
| • Crabgrass, smooth | • Foxtail, green | • 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

