

# SHIELDEX®

## 400SC HERBICIDE

New tech in the evolving fight against weed pressure in corn

**SHIELDEX® 400SC Herbicide is a brand new post-emergent herbicide designed to give corn growers the power and flexibility to manage their toughest weed problems.**

The unique HPPD technology that powers SHIELDEX® 400SC provides corn growers numerous benefits including:

- Effective against broadleaf weeds as well as many annual grasses\*
- Convenient low application rates between 1.0 and 1.35 ounces per acre
- Good tank-mix compatibility
- Excellent safety to all types of corn\*\*
- Wide broadcast application window on corn up to V6
- No restrictions when used with any currently registered insecticide


*\* SHIELDEX® 400SC performance is enhanced when combined with at least 0.5 pounds per acre of atrazine. See label for complete details and application information.*

*\*\* SHIELDEX® 400SC has not been tested on all inbred lines for tolerance. Contact your seed corn supplier for specific usage recommendations*

Active ingredient: Tolpyralate.

**Always read and follow label directions.**

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### Key weeds targeted:

#### Broadleaf Weeds

Palmer Amaranth  
Powell Amaranth  
Buffalobur  
Carpetweed  
Common Cocklebur  
Dandelion  
Henbit  
Kochia  
Common Lambsquarters  
Venice Mallow  
Marestail/Horseweed  
Ivyleaf Morningglory  
Tall Morningglory  
Blue Mustard  
Black Nightshade  
Eastern Nightshade  
Hairy Nightshade  
Redroot Pigweed  
Smooth Pigweed  
Common Ragweed  
Giant Ragweed  
Annual Sowthistle  
Pennsylvania Smartweed  
Volunteer Sunflower  
Wild (Common) Sunflower  
Canada Thistle  
Velvetleaf  
Common Waterhemp  
Tall Waterhemp

#### Grass Weeds

Barnyardgrass  
Large Crabgrass  
Giant Foxtail  
Green Foxtail  
Yellow Foxtail  
Goosegrass  
Wild Proso Millet  
Shattercane / Volunteer Sorghum  
Broadleaf Signalgrass



# Guide To Weed and Grass Control

	SHIELDEX		SHIELDEX + ATRAZINE <sup>1</sup>		
	1.0 to 1.35 fl oz per acre <sup>2</sup>				
<b>Broadleaf Weeds</b>	Apply to weeds < 5 inches tall		<b>Broadleaf Weeds Cont'd</b>	Apply to weeds < 5 inches tall	
Amaranth, Palmer	Control	Control	Sowthistle, annual	Control	Control
Amaranth, Powell	Control	Control	Smartweed, Pennsylvania	Partial Control	Partial Control
Buffalobur	Control	Control	Sunflower, Volunteer	Control	Control
Carpetweed	Control	Control	Sunflower, Wild (Common)	Control	Control
Cocklebur, common	Partial Control	Control	Thistle, Canada	Partial Control	Partial Control
Dandelion	No Control	Partial Control	Velvetleaf	Control	Control
Henbit	Control	Control	Waterhemp, common	Control	Control
Kochia	Partial Control	Control	Waterhemp, tall	Control	Control
Lambsquarters, common	Control	Control	<b>Grasses</b>	<b>Apply to grasses &lt; 5 inches tall or before tillering</b>	
Mallow, Venice	No Control	Partial Control	Barnyardgrass	Partial Control	Control <sup>3</sup>
Marestail/Horseweed	Partial Control	Partial Control	Crabgrass, large	Control	Control
Morningglory, ivyleaf	Partial Control	Partial Control	Foxtail, giant	Control	Control
Morningglory, tall	Partial Control	Partial Control	Foxtail, green	Control	Control
Mustard, blue	Control	Control	Foxtail, yellow	Control	Control
Nightshade, black	Partial Control	Control	Goosegrass	Partial Control	Control
Nightshade, eastern black	Partial Control	Partial Control	Millet, wild proso	Partial Control	Control
Nightshade, hairy	Control	Control	Shattercane / vol. sorghum	Partial Control	Control <sup>3</sup>
Pigweed, redroot	Control	Control	Signalgrass, broadleaf	No Control	Partial Control
Pigweed, smooth	Control	Control			
Ragweed, common	Control	Control			
Ragweed, giant	Control	Control			

<sup>1</sup> Use a minimum of 0.5 lb ai per acre atrazine.

<sup>2</sup> Apply 1.35 fl oz per acre for heavy weed pressure.

<sup>3</sup> Apply 1.35 fl oz per acre for control of these species.

## Application Timing

Apply SHIELDEX when susceptible weeds are young and actively growing, but before they exceed five inches tall, or before tillering in the case of grasses. Treat heavy infestations of weeds before they become too competitive with the crop, especially where soil moisture and/or fertility are limited. SHIELDEX provides weed control via foliar absorption. SHIELDEX has limited pre-emergence activity. For later-emerging weeds, a second application or a timely cultivation is required. Applications made to weeds larger than the size indicated on the label or to weeds under stress may result in unsatisfactory control.