

SHIELDEX®

400SC HERBICIDE

FORMULATION TYPE	SHIELDEX is a suspension concentrate formulation that contains 3.33 pounds of active ingredient per gallon of formulated product.
HOW IT WORKS	SHIELDEX is a Group 27 HPPD inhibitor herbicide that halts growth in susceptible plants when absorbed by actively growing tissue. Bleaching symptoms will be observed on affected plants when treated.
RATE RANGE	SHIELDEX can be applied at a rate between 1.0 oz and 1.35 oz per acre. Use higher rates in situations involving heavy infestation and/or hard to control weed types.*
WINDOW OF APPLICATION	SHIELDEX works best when applied to target weeds less than 5" tall. The corn crop should be less than V6 or 20" tall.
HARVEST & GRAZING GUIDELINES	When used on fresh market sweet corn, SHIELDEX may be applied up to 35 days prior to harvest. For all other corn types, applications can be made up to 45 days prior to harvest. Do not graze or use treated forage for silage within 21 days of SHIELDEX application.*
TANK MIX GUIDELINES	When applying SHIELDEX, a tank mixture that includes at least 0.5 lb of Atrazine active ingredient per acre is recommended to enhance spectrum and add residual control.** SHIELDEX may be tank mixed with other herbicides labeled for use on corn.
ADJUVANT RECOMMENDATION	Always use SHIELDEX in combination with either MSO, COC or NIS to ensure optimal performance. Manufacturer studies indicate use of MSO provides the most consistent performance over a broad range of agronomic conditions. SHIELDEX is also compatible with combination adjuvant technologies.***
USE WITH INSECTICIDES	No restrictions when used with registered insecticides.

Recommended SHIELDEX 400SC tankmix with Atrazine

- SHIELDEX 400SC at 1.0 oz per acre
- MSO at 0.5 to 1.0 gal per 100 gal of spray volume***
- Atrazine at 2 pt per acre
- 15 gallon per acre spray volume
- OPTIONAL: AMS at 8.5 pounds per 100 gal of spray volume (or 2.5% v/v for liquid AMS)

* See label for weed-specific guidelines

** See label for additional atrazine restrictions. Do not apply to corn taller than 12".

*** See label for additional adjuvant information

Active ingredient: Tolpyralate.

Always read and follow label directions.

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To learn more, visit us at www.summitagro-usa.com or call us at 984-260-0407.

SHIELDEX® 400SC is an invention and registered trademark of Ishihara Sangyo Kaisha, Ltd., and is manufactured and developed by ISK Biosciences Corporation.

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Guide To Weed and Grass Control

	SHIELDEX		SHIELDEX + ATRAZINE ¹		
	1.0 to 1.35 fl oz per acre ²				
Broadleaf Weeds	Apply to weeds < 5 inches tall		Broadleaf Weeds Cont'd	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	Grasses	Apply to grasses < 5 inches tall or before tillering	
Mallow, Venice	No Control	Partial Control	Barnyardgrass	Partial Control	Control ³
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 ³
Pigweed, redroot	Control	Control	Signalgrass, broadleaf	No Control	Partial Control
Pigweed, smooth	Control	Control			
Ragweed, common	Control	Control			
Ragweed, giant	Control	Control			

¹ Use a minimum of 0.5 lb ai per acre atrazine.

² Apply 1.35 fl oz per acre for heavy weed pressure.

³ 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.