

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.

Distributed through Helena Agri-Enterprises, and Tenkoz member companies. To learn more, visit us at www.summitagro-usa.com or call us at 984-260-0407.

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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 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.