

Surpass[®] NXT

APPLY PREEMERGENCE FOR CONSISTENT EARLY AND RESIDUAL WEED CONTROL.

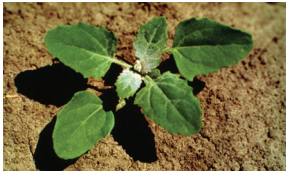
HERBICIDE

Corn growers can begin eliminating early season competition from grasses and small-seeded broadleaf weeds with soil-applied Surpass[®] NXT herbicide. Whether used in conventional, reduced-till or no-till production systems, Surpass NXT provides consistent residual control of critical broadleaf weeds like lambsquarters, waterhemp and pigweed, plus important grasses (see reverse side) — all with ultimate crop rotation flexibility.

Waterhemp



Lambsquarters



Smooth Pigweed



Giant Foxtail



Photo Credits: Waterhemp: Ohio State Weed Lab Archive, The Ohio State University, Bugwood.org; Lambsquarters: John D. Byrd, Mississippi State University, Bugwood.org; Smooth Pigweed: Ohio State Weed Lab Archive; The Ohio State University, Bugwood.org.

Preemergence Surpass NXT helps get an early jump on yields.

Unlike post-only programs, where untimely wet weather in the spring can leave weed competition unchecked, Surpass NXT is a residual preemergence herbicide that can enhance conventional or herbicide-tolerant corn with long-lasting, broad-spectrum control. It also can help combat glyphosate tolerance or resistance by adding a different mode of action to attack weeds.

Target Application Timing

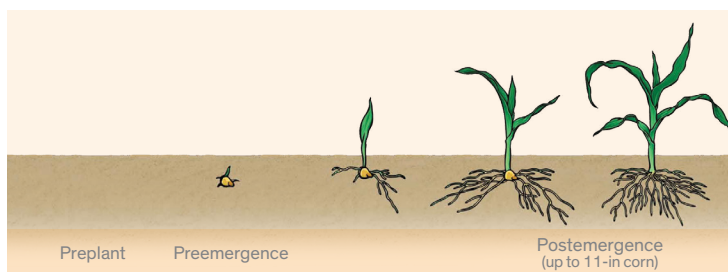


Table 1. Use Rates for Surpass[®] NXT Herbicide by Soil Texture and Organic Matter Content in Conventional Tillage Systems

Soil Texture	Broadcast Rate per Acre (pt.)*	
	Soil Organic Matter Content	
	Less Than 3%	3% or Greater**
Coarse	1.25 - 1.75 pt./A	1.75 pt./A
Medium	1.75 - 2.25 pt./A	1.75 - 2.25 pt./A
Fine	1.75 - 2.25 pt./A	2.25 - 2.75 pt./A

*Use the higher rate in the rate range in areas of heavy weed infestation.

**On soils with 6 to 10 percent organic matter, use 2.5 to 3.4 pints per acre. On soils with more than 10 percent organic matter, use 3.4 pints per acre.

Consistent benefits — whatever the needs are.

Surpass NXT offers several advantages over other commonly used herbicides:

- University extensions consistently give the active ingredient in Surpass[®] NXT herbicide superior marks for the soil-applied control of broadleaf weeds.
- Surpass NXT requires only ¼ inch of rain to activate, compared with ½ inch for many herbicides.
- It delivers a high level of crop safety and offers unmatched crop rotational flexibility.
- Surpass NXT can be used alone or in combination with many pre- and postemergence corn herbicides, including Hornet[®] WDG (see reverse side, Table 2).
- It doesn't contain atrazine, making Surpass NXT ideal for use in low- or restricted-atrazine areas.

Supporting corn growers every step of the way.

Surpass NXT is just one example of the many weed control solutions we offer to help corn growers reach full yield potential. Dow AgroSciences offers an industry-leading portfolio of herbicides designed to eliminate early season weed competition, control herbicide-resistant weeds and maximize yield potential. All of our brands are supported by industry-leading technical support and field support. For details, visit www.dowagro.com.

Growers receive a broad spectrum of control.

Surpass[®] NXT herbicide helps corn growers control a wide range of grasses, sedges and small-seeded broadleaf weeds without using atrazine.

Grasses and Sedges

Barnyardgrass
 Crabgrass spp.
 Crowfootgrass
 Cupgrass, southwestern
 Cupgrass, woolly*
 Foxtail, giant
 Foxtail, green
 Foxtail, robust (purple, white)
 Foxtail, yellow
 Goosegrass
 Johnsongrass, seedling*
 Millet, foxtail
 Millet, wild proso*
 Nutsedge, yellow^{1,2}
 Oats, wild*
 Panicum, browntop
 Panicum, fall
 Panicum, Texas³
 Rice, red
 Sandbur, field*
 Shattercane*
 Signalgrass, broadleaf³
 Sprangletop, red
 Wheat, volunteer*
 Witchgrass

Broadleaves

Beggarweed, Florida
 Carpetweed
 Cocklebur*²
 Galinsoga
 Groundcherry, cutleaf*
 Henbit
 Jimsonweed*
 Kochia*
 Lambsquarters, common
 Morningglory spp.
 Nightshade, black
 Nightshade, hairy
 Pigweed, redroot
 Purslane, common
 Pusley, Florida
 Ragweed, common
 Ragweed, giant*
 Sicklepod
 Sida, prickly
 Smartweed spp.
 Starbur, bristly*
 Velvetleaf*²
 Waterhemp, tall

Growers can tank-mix Surpass NXT for enhanced control.

For enhanced control, Surpass NXT may be applied in tank-mix combinations for either conventional, reduced- or no-till systems — as well as postemergence application to corn up to 11 inches tall (prior to weed seedling emergence). Table 2 shows weed control provided with a tank mixture of Hornet WDG and Surpass NXT. See the label for Surpass NXT for a complete list of tank-mix partners.

Table 2. Weeds Controlled by a Tank Mixture of Hornet[®] WDG Herbicide and Surpass[®] NXT Herbicide

Annual morningglories	Kochia*	Shepherdspurse
Burcucumber	Lambsquarters*	Smartweeds
Canada thistle*	Nightshades	Sunflower
Cocklebur	Pennsylvania smartweed	Velvetleaf
Horseweed	Pigweeds*	Wild buckwheat*
Ivyleaf morningglory	Purslane	Wild mustard
Jerusalem artichoke	Ragweeds	Velvetleaf
Jimsonweed	Russian thistle	Wormwood, biennial

*Partial control (weeds less than 2 inches tall)

*Partial control

¹Yellow nutsedge requires a minimum of 2.5 pints per acre. Incorporation will improve control.

²Best control is achieved when Surpass[®] NXT herbicide is applied within five days of planting and rainfall occurs shortly after application or mechanical incorporation is used to activate the herbicide. If rainfall does not occur within seven days after application, shallow cultivation will enhance activity. Excessive rainfall after application may reduce control. Under adverse weather conditions and/or heavy infestations, a cultivation or follow-up herbicide may be needed.

³Light to moderate infestations will be controlled. Heavy infestations may require a tank mix or sequential herbicide.

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