

Realize effective burndown and residual control of key winter annual weeds.

For use in fields to be planted to Pioneer® brand soybeans with BOLT® technology, STS® and SR soybean varieties — across soils and environments

DuPont™
LeadOff®
herbicide

Mid-South and Southeast

Pioneer® brand soybeans with BOLT® technology and sulfonyleurea-tolerant (STS®) and sulfonyleurea-ready (SR) soybean varieties offer high levels of tolerance to sulfonyleurea herbicides, including DuPont™ LeadOff® herbicide. **This allows growers who plant these varieties following a preplant application of LeadOff® to avoid undue crop-response concerns about soil pH, early planting and cool conditions.**

New soybean varieties

A number of new soybean varieties, including those with the Roundup Ready 2 Xtend trait, have joined BOLT® technology, STS® and established SR soybeans as options that allow growers to capitalize on the superior preplant weed control of LeadOff® combinations — which means even more flexibility across varying soil and environmental conditions.

DuPont™ LeadOff® herbicide applied as an early preplant application to soybeans delivers:

- A clean seedbed, which allows the soil to warm up faster, enabling improved stand establishment and better germination.
- Burndown of key broadleaf weeds — such as henbit, wild radish and chickweed — and extended residual control of many winter grasses and broadleaf weeds, including annual bluegrass (suppression) and marestalk (horseweed).*
- Control of winter weeds that harbor nematodes and insects that vector diseases.
- The opportunity for earlier planting and better time management, reducing trips across the field.
- The ability to remove winter weed canopy so preemergence herbicides are applied directly to soil.
- Moisture and fertility conservation.

* ALS-sensitive.

Application information

Apply DuPont™ LeadOff® at 1.5–2.0 oz/A (treats 30 to 40 acres per 60 oz container)

- For additional burndown of grasses and broadleaf weeds, add glyphosate, paraquat or glufosinate.
- Add 2,4-D LVE or dicamba for control of emerged marestalk (horseweed).
- Adjuvants are recommended. If applied in a tank-mix combination with glyphosate or glufosinate herbicide that contains a built-in adjuvant system, no additional surfactant is needed.
- For additional control of grasses and broadleaf weeds, LeadOff® may be tank mixed with other herbicides registered for preplant applications in soybeans, such as DuPont™ Cinch® brand and FirstShot® SG herbicides.
- Timing to crop — apply after fall harvest, a minimum of 60 days prior to soybean planting if using more than 1.5–2.0 oz/A or 30 days preplant for 1.5 oz/A.
- Shorter plant-back intervals are available for soybeans with BOLT® technology (0 days) and STS/SR varieties (30 days).
- Apply by ground or air.



Left side treated with 1.5 oz/A LeadOff® + 1 qt/A glyphosate + 1.5 pt/A 2,4-D LVE. Applied Nov. 17, 2010; photo taken Feb. 8, 2011.



LeadOff® applied Nov. 19, 2010; photo taken Mar 3, 2011.



DuPont™ LeadOff®

herbicide

Weeds and grasses	Burndown DuPont™ LeadOff® alone	Burndown when tank mixed with glyphosate plus 2,4-D LVE or dicamba	Residual – LeadOff®	Weeds and grasses	Burndown DuPont™ LeadOff® alone	Burndown when tank mixed with glyphosate plus 2,4-D LVE or dicamba	Residual – LeadOff®
Alfalfa, volunteer	C	C	NC	Mustard (birdsrape, black)	C	C	C
Barley, volunteer	C	C	S	Mustard, wild	C	C	NC
Barnyardgrass	C	C	C	Nightshade, hairy	S	C	S
Bluegrass, annual	C	C	S	Nightshade, black	NC	C	S
Buckwheat, common	C	C	NC	Palmer amaranth	NC	C ⁴	S
Buttercup, smallflower	C	C	NC	Panicum, fall	C	C	S
Carpetweed	NC	C	S	Pigweed (prostrate, redroot, smooth)	C ⁴	C	C
Canada thistle	S	C	NC	Purslane, common	S	C	C
Chamomile, false	NC	C	C	Quackgrass	S	C	NC
Chickweed (common, mouseear)	C	C	NC	Ragweed, common	S	C	S
Cocklebur	S	C	S	Russian thistle, seedling	NC	C	S
Crabgrass	C ¹	C	S	Ryegrass, Italian	S ⁴	C	S ⁴
Cupgrass, woolly (1")	C	C	NC	Sandbur (field, longspine)	NC	C	NC
Curly Dock	C	C	NC	Shattercane (4")	C	C	NC
Dandelion (6" diameter)	C	C	NC	Shepherd's purse	C	C	NC
Eveningprimrose, cutleaf	C ²	C	NC	Signalgrass, broadleaf	S	C	C
Field pennycress	C	C	NC	Smartweed, Pennsylvania	C	C	S
Filaree, redstem	NC	C	C	Smartweed, Ladysthumb	C	C	NC
Foxtail (bristly, giant, green, yellow)	C	C	C	Stinkgrass	S	C	NC
Geranium, Carolina	C	C	NC	Velvetleaf	C	C	S
Groundsel, common	C	C	NC	Wallflower, bushy	C	C	NC
Henbit	C	C	C	Wheat, volunteer	C	C	C
Knotweed, prostrate	C	C	NC	Wild buckwheat	NC	C	NC
Jimsonweed	NC	C	S	Wild oat	S	C	S
Johnsongrass, seedling	S	C	NC	Wild radish	C	C	NC
Kochia	C ³	C	C ³	Yellow nutsedge	S	C	NC
Lambsquarters, common	C	C	C	C = Control S = Suppression NC = No control ¹ = < 1/2" ² = Must add 2,4-D LVE or dicamba for control ³ = ALS-sensitive ⁴ = Resistant biotypes are known to occur			
Marestail (horseweed)	S	C	C ³				
Millet, wild proso	S	C	NC				
Morningglory, ivyleaf	S	C	S				

For more information

Contact your local DuPont retailer or representative to learn more about LeadOff® herbicide from DuPont. And visit us at leadoff.dupont.com.



DuPont™ Cinch® ATZ and Cinch® ATZ Lite are restricted-use pesticides.

DuPont™ LeadOff® may not be registered for sale or use in all states. Contact your DuPont retailer or representative for details and availability in your state.

This reference guide is not intended as a substitute for the product label for the product(s) referenced herein. Product labels for the above product(s) contain important precautions, directions for use, and product warranty and liability limitations, which must be read before using the product(s). Applicators must be in possession of the product label(s) at the time of application. Always read and follow all label directions and precautions for use when using any pesticide alone or in tank-mix combinations.

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Roundup Ready 2 Xtend® (Monsanto).

Reorder No.: K-29266