



DuPont™ LeadOff® herbicide for soybeans with BOLT™ technology.

DuPont™
LeadOff®
herbicide

Soybeans with BOLT™ technology have been introduced by DuPont Pioneer to give farmers new technologies to help control tough weeds by utilizing unique herbicides in a new way. BOLT™ technology provides enhanced tolerance to sulfonyleurea herbicides compared to soybeans without BOLT™ technology. DuPont™ LeadOff® herbicide is now registered for application early preplant through 0 days prior to planting to soybeans with BOLT™ technology, compared to the 30-day (or more) planting interval for soybeans without BOLT™ technology.

DuPont™ LeadOff® herbicide use in soybeans with BOLT™ technology

- Zero-day plantback: use for early preplant through 0 days prior to planting application with excellent crop tolerance.
- Apply after harvest in fall or spring, as long as the ground is not frozen.
- Provides burndown and residual control of several grass and broadleaf weeds, including winter annuals such as henbit, chickweed, annual bluegrass, horseweed/ marestail (suppression) and others.
- The water-dispersible granule formulation contains two active ingredients: rimsulfuron and thifensulfuron.

- Use rate: 1.5–2.7 ounces per acre (40 acres/bottle at the 1.5 oz/A rate).
- Apply by ground or air.
- Tank mix with other burndown herbicides such as glyphosate, paraquat, glufosinate, 2,4-D or dicamba for additional weed control. See 2,4-D and dicamba labels for plant-back intervals for soybeans if using these herbicides with LeadOff®.
- For emerged weeds, include appropriate adjuvants. No additional surfactant is required if applied as a tank mix with a glyphosate or glufosinate formulation that already includes a built-in adjuvant system.
- May be used in a sequential soybean herbicide program that includes products such as DuPont™ Cinch®, Canopy®, FirstShot® SG, Classic®, Enlite®, Envive®, Synchrony® XP or Assure® II herbicide. See label for specific instructions.

LeadOff® herbicide for other crops

LeadOff® herbicide can be applied in fall or early spring more than 30 days prior to planting soybeans without BOLT™ technology or cotton, and through preemergence for corn.*

* Except for Florida (east of U.S. Hwy 231) and Georgia, where a 30-day interval is required.

DuPont™ LeadOff® herbicide		
Biological attributes	Active ingredients	Performance measures
Contact control	Rimsulfuron Thifensulfuron	Better, more consistent control of many grass and broadleaf weeds, including certain glyphosate-tolerant and -resistant weeds, even under cool conditions. Translocation throughout the weeds (leaves, roots and shoots).
Residual control	Rimsulfuron	Residual control via root uptake of several grass and broadleaf weeds that emerge after treatment.

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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	C	Nightshade, black	NC	C	S
Buckwheat, common	C	C	NC	Palmer amaranth	NC	C ⁴	S ⁴
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				
Marestail (horseweed)	S	C	C ³				
Millet, wild proso	S	C	NC				
Morningglory, ivyleaf	S	C	S				

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

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.