



The miracles of science™

Burndown and residual control of key annual winter weeds

DuPont™
LeadOff®
herbicide

Mid-South and Southeast

DuPont™ LeadOff® herbicide applied as an early preplant application to corn, cotton or 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 marestail (horseweed).¹
- Control of winter weeds that harbor nematodes and insects that vector diseases.
- The opportunity for earlier planting and better time management, reducing trips across field.
- The ability to remove winter weed canopy so preplant herbicides are applied directly to soil.
- Moisture and fertility conservation.

Rate recommendation

DuPont™ LeadOff® 1.5 oz/A (40 acres per bottle)

- For additional burndown of grasses and broadleaf weeds, add glyphosate, paraquat or glufosinate.
- Add 2,4-D LVE or dicamba for control of emerged marestail (horseweed).¹
- 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 full or reduced rates of preemergence herbicides registered for corn, cotton or soybeans such as DuPont™ Cinch® brand and FirstShot® SG herbicides.

Application information

- Apply LeadOff® at 1.5 oz/A.
- Timing — may be applied preplant, after fall harvest through early spring.
- Apply by ground or air.

Field corn² — Preplant or preemergence

Cotton/Soybeans — Preplant only — 30 days prior to planting.³

Peanuts — Preplant only — 45 days prior to planting.

¹ ALS-sensitive.

² In the states of Florida east of US 231, and Georgia, apply LeadOff® to field corn at least 30 days prior to planting.

³ For all other crop rotations, consult the label.



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 November 19, 2010. Photo taken March 3, 2011.



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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				
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.



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