



The miracles of science™

# Provides exceptional cropping flexibility into a clean seedbed

## DuPont™ LeadOff® herbicide

### Oklahoma and Texas

#### DuPont™ LeadOff® herbicide applied as an early preplant application to corn, cotton or soybeans delivers:

- A clean seedbed, allowing the soil to warm up faster, enabling improved stand establishment.
- Grower-controlled planting flexibility.
- Burndown of key broadleaves such as henbit and chickweed as well as extended residual control of many winter grasses and broadleaves, including annual bluegrass (suppression) and marestalk.

#### Rate recommendation

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

- For additional burndown of grasses and broadleaves add glyphosate, paraquat or glufosinate.
- Add 2,4-D LVE or dicamba for control of emerged marestalk.
- 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 broadleaves, LeadOff® may be tank mixed with full or reduced rates of preemergence herbicides registered for use prior to planting corn, cotton or soybeans such as DuPont™ Cinch® brand, Prequel® and FirstShot® SG<sup>1</sup> herbicides.

#### Application Information

- Apply by ground or aerial.

#### Field Corn — Preplant to preemergence

- Apply 1.5-2.7 oz/A (1.5 oz/A for most situations).
- Timing — may be applied preplant after fall harvest through early spring up to planting, whenever the ground is not frozen. Do not apply postemergence to corn.
- May be used as a sequential program in corn when followed by a post, in-crop application of DuPont™ Resolve® Q, Realm® Q or Steadfast® Q herbicide.

#### Cotton/Soybeans — Preplant only

- Apply LeadOff® at 1.5 oz/A
- Timing — may be applied preplant after fall harvest through early spring 30 days prior to planting, whenever the ground is not frozen.
- May be used in a sequential herbicide program in soybeans. For burndown and residual weed control apply 30 days or more prior to planting, followed by an appropriate application of DuPont™ Assure® II, Classic®, Enlite®, Envive® or Synchrony® XP herbicide.

LeadOff® at 1.5 oz/A			
	Corn	Cotton	Soybeans
Days prior to planting	0	30	30
<i>In the states of Oklahoma and Texas west of I-35 (not including the counties containing I-35) the rotational interval to cotton and soybeans is 10 months. STS® soybean rotational interval is one month.</i>			



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.

<sup>1</sup> Consult FirstShot® SG label for pre-planting intervals.



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herbicide

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### Preplant/Preemergence Tank Mixtures

DuPont™ LeadOff® may be tank mixed with glyphosate, paraquat, glufosinate, 2,4-D LVE, and dicamba herbicides for improved control of the below emerged weed species when applied preplant or preemergence. For application methods and other use specifications, use the most restrictive label directions for the intended combination.

Alfalfa, volunteer	Foxtail (bristly, giant, green, yellow)	Nightshade, hairy	Signalgrass, broadleaf
Barley, volunteer	Henbit	Panicum, fall	Smartweed, Pennsylvania
Barnyardgrass	Johnsongrass, seedling	Pigweed (prostrate, redroot, smooth)	Stinkgrass
Bluegrass, annual	Kochia	Purslane, common	Velvetleaf
Canada thistle	Lambsquarters, common	Quackgrass	Wheat, volunteer
Chamomile, false	Marestail (Horseweed)	Ragweed, common	Wild buckwheat
Chickweed, common	Millet, wild proso	Ryegrass, Italian†	Wild oat
Cocklebur	Morningglory, ivyleaf	Sandbur (field, longspine)	Wild radish
Crabgrass	Mustard (birdsrape, black, wild)	Shepherd's purse	Yellow nutsedge
Dandelion (6" diameter)			
Filaree, redstem			

### Burndown Control – LeadOff® Alone

Grasses (1 - 2")*		Broadleaf weeds (1 - 3")*	
Barley, volunteer	Panicum, fall	Alfalfa, volunteer	Lambsquarters, common
Barnyardgrass	Quackgrass*	Buckwheat, common	Morningglory, ivyleaf*
Bluegrass, annual	Ryegrass, Italian**	Buttercup, smallflower	Mustard, (birdsrape, black, wild)
Crabgrass, large (1/2")	Shattercane (4")	Canada thistle*	Nightshade, hairy*
Cupgrass, woolly (1")	Signalgrass, broadleaf*	Chickweed (common, mouseear)	Pigweed, (prostrate, redroot, smooth)†
Foxtail (bristly, giant, green, yellow)	Stinkgrass*	Cocklebur*	Purslane, common*
Johnsongrass, seedling*	Wheat, volunteer	Curly dock	Ragweed, common*
Millet, wild-proso*	Wild oat*	Dandelion (6" diameter)	Shepherd's purse
	Yellow nutsedge*	Eveningprimrose, cutleaf**	Smartweed (Pennsylvania, ladysthumb)
		Field pennycress	Sowthistle
		Geranium, Carolina	Velvetleaf
		Groundsel, common	Wallflower, bushy
		Henbit	Wild radish
		Knotweed, prostrate	
		Kochia	

### Residual Control – LeadOff® Alone

Grasses	Broadleaf weeds	
Barnyardgrass	Carpetweed*	Mustard (birdsrape, black)
Bluegrass, annual*	Chamomile, false	Nightshade* (hairy, black)
Crabgrass, large*	Cocklebur*	Palmer amaranth*
Foxtail (bristly, giant, green, yellow)	Filaree, Redstem	Pigweed (prostrate, redroot, smooth)
Panicum, fall*	Henbit	Purslane, common
Ryegrass, Italian*†	Jimsonweed*	Ragweed, common*
Signalgrass, broadleaf	Kochia (ALS-sensitive)	Russian thistle, seedling*
Wheat, Volunteer	Lambsquarters, common	Smartweed, Pennsylvania*
Wild Oat*	Marestail (Horseweed)	Velvetleaf*
	Morningglory, ivyleaf*	

\* Partial control/suppression

\*\* Must add 2,4-D LVE (4 lbs formulation) or dicamba for control

† 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 on the Web at [leadoff.dupont.com](http://leadoff.dupont.com).



DuPont™ LeadOff® and Prequel® may not be registered for sale or use in all states. See your local DuPont retailer or representative for details and availability in your state. Prequel® is a restricted-use pesticide.

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 that must be read before using the product. 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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