

# PowerFlex<sup>®</sup> HL

## POWERFLEX<sup>®</sup> HL HERBICIDE — DELIVERING PERFORMANCE YOU CAN COUNT ON IN WINTER WHEAT IN A HIGH-LOAD FORMULATION

### HERBICIDE

Tough-to-control grass weeds such as downy brome and cheat can quickly outcompete winter wheat stands. PowerFlex<sup>®</sup> HL herbicide from Dow AgroSciences is a more concentrated formulation that delivers the same powerful cross-spectrum control as PowerFlex against stubborn grass and broadleaf weeds in winter wheat. PowerFlex HL also provides excellent crop safety and rotational flexibility — all at a price that's right for winter wheat. Dependable grass and broadleaf weed control from PowerFlex HL means cleaner fields, cleaner yields and reduced dockage at harvest.

### PowerFlex HL Herbicide

- Excellent control of the toughest grass weeds in winter wheat, including downy brome, true cheat, wild oats and ALS-susceptible Italian ryegrass
- Control of mustard species, including field pennycress, flixweed, tansymustard, shepherdspurse, Jim Hill (tumble) mustard and blue mustard
- Additional control of key broadleaf weeds such as Russian thistle, pigweed, bedstraw (cleavers) and chickweed
- Powerful weed control priced for the needs of winter wheat producers
- Short rotation intervals with a three-month rotation interval to soybeans, cotton, grain sorghum and sunflowers — and only a nine-month rotation to corn — in many geographies; see the product label for specific crop rotation intervals in Idaho, Oregon and Washington and the table in this document for specific information by geography
- Combines excellent crop safety with a wide application window for maximum flexibility in managing time and resources
- Tank-mix-compatible with a wide range of insecticides, fungicides and broadleaf herbicides, including 2,4-D ester and MCPA ester

### Key Weeds Controlled or Suppressed by PowerFlex<sup>®</sup> HL Herbicide

Grasses	Fall Application	Spring Application
Brome, downy	C	S
Brome, Japanese	C	C
Brome, ripgut	C	C
Canarygrass, hood	S	S
Canarygrass, littleseed	S	S
Cheat	C	C
Foxtail, barley	S	S
Quackgrass	S	S
Rescuegrass	S	S
Ryegrass, Italian <sup>4</sup>	C	C
Wild oats	C	C
Broadleaves	Fall Application	Spring Application
Bedstraw, catchweed (cleavers)	S	C
Buckwheat, wild		S
Canola, volunteer (wild turnip) <sup>1</sup>	C	C
Chickweed, common	C	C
Chickweed, mouseear	C	C
Fiddleneck, coast	C	C
Flixweed <sup>2</sup>	C	C
Henbit	C	S
Lambsquarters, common		C <sup>2</sup>
Mustard, black	C	C
Mustard, blue <sup>3</sup>	C	C
Mustard, tumble <sup>3</sup>	C	C
Mustard, wild	C	C
Mustard, wormseed <sup>3</sup>	C	C
Pennycress, field <sup>1</sup>	C	C
Pigweed, redroot		C
Shepherdspurse <sup>3</sup>	C	C
Tansymustard, pinnate <sup>3</sup>	C	C
Thistle, Russian		C <sup>2</sup>
Wallflower, bushy <sup>3</sup>	C	C
Vetch, hairy	C	C

C = Controlled S = Suppressed

<sup>1</sup>Including herbicide-tolerant varieties except CLEARFIELD (imidazolinone-tolerant) canola.

<sup>2</sup>Less than 2 inches tall. For control of lambsquarters greater than 2 inches tall, tank-mix with 0.25 lb. ae 2,4-D ester or MCPA ester. For control of Russian thistle greater than 2 inches tall, tank-mix with 0.25 lb. ae 2,4-D ester.

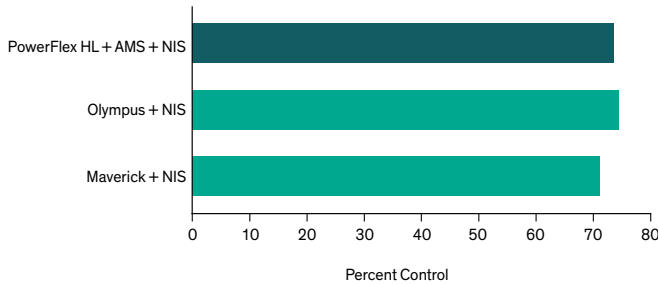
<sup>3</sup>Control may be reduced when application is made after bolting.

<sup>4</sup>ALS-susceptible biotypes

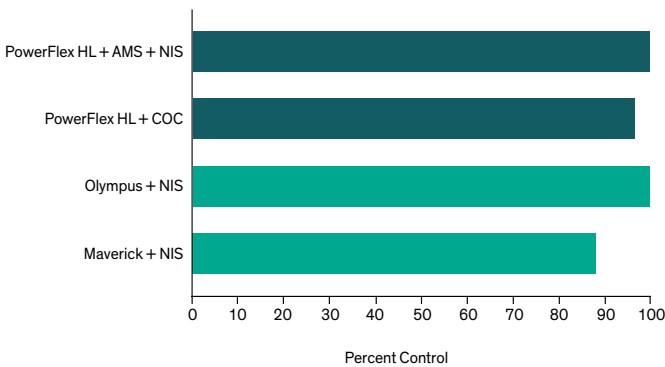
## Proven Performance From PowerFlex® HL Herbicide

University trials show that PowerFlex HL herbicide provides excellent control of downy brome, cheat and Italian ryegrass compared with commonly used grass weed treatments in winter wheat.

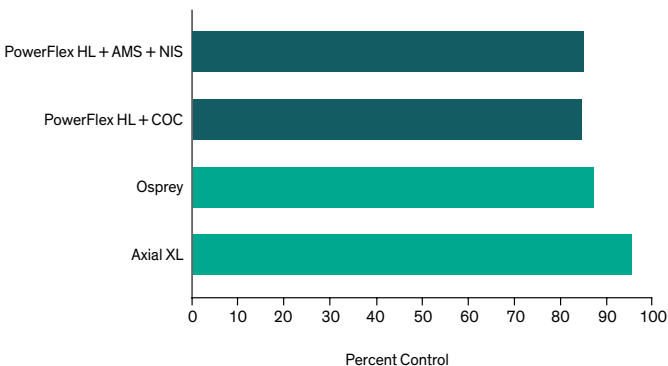
### Downy Brome Control With PowerFlex® HL Herbicide vs. Comparison Products



### True Cheat Control With PowerFlex® HL Herbicide vs. Comparison Products



### Italian Ryegrass Control With PowerFlex® HL Herbicide vs. Comparison Products



For more information about PowerFlex® HL herbicide, visit [www.PowerFlexHLHerbicide.com](http://www.PowerFlexHLHerbicide.com).



Solutions for the Growing World

## More Rotation Flexibility From PowerFlex HL Herbicide

PowerFlex HL herbicide offers improved crop rotation flexibility versus most other winter wheat herbicides. See product label for specific crop rotation intervals in Idaho, Oregon and Washington.

Crop	PowerFlex® HL	Olympus	Osprey	Maverick	Finesse G & B
Rotational interval (months)					
Corn	9	18-22	12	22	bioassay
Sorghum	3 <sup>1</sup>	12	10	22	bioassay
Soybean	3 <sup>2</sup>	12	3	12	14-36
Cotton	3 <sup>3</sup>	12	3	12	bioassay
Sunflower	3 <sup>1</sup>	12	1	17	bioassay
Canola	9	22	10	22	bioassay

<sup>1</sup>As a rotation crop, grain sorghum and sunflowers may be planted three months following an application of PowerFlex® HL herbicide in February or later in the following states: AL, AR, CO, DE, GA, IL, IN, KS, KY, LA, MD, MO, MS, NC, NE, NJ, OH, OK, PA, SC, TN, TX and VA. However, to ensure adequate crop safety, avoid planting sunflowers and grain sorghum prior to April 30 following an application of PowerFlex HL made before February. All other states not listed require a minimum rotation interval of nine months after an application of PowerFlex HL.

<sup>2</sup>As a rotation crop, soybeans may be planted three months following an application of PowerFlex HL in February or later in the following states: AL, AR, DE, GA, IL, IN, KS, KY, LA, MD, MO, MS, NC, NE, NJ, OH, OK, PA, SC, TN, TX and VA. However, to ensure adequate crop safety, avoid planting soybeans prior to April 30 following an application of PowerFlex HL herbicide made before February. All other states not listed require a minimum rotation interval of five months after an application of PowerFlex® HL herbicide.

<sup>3</sup>As a rotation crop, cotton may be planted three months following an application of PowerFlex HL in February or later in the following states: AL, AR, GA, KS, KY, LA, MO, MS, NC, OK, SC, TN, TX and VA. However, to ensure adequate crop safety, avoid planting cotton prior to April 30 following an application of PowerFlex HL made before February. All other states not listed require a minimum rotation interval of nine months after an application of PowerFlex HL.

**Note:** Intervals listed may be geographically specific and have specific rainfall requirements. Check product labels for complete rotational information.

## Application Rates and Timing

PowerFlex HL offers a wide window of application for maximum flexibility:

- Standard use rate is 2 oz./A
- Apply postemergence in either the fall or spring, three-leaf to jointing stage
- Apply to grass weeds at the two-leaf to two-tiller stage
- Apply to broadleaf weeds before they exceed 2 inches in height or diameter

