

7969-273

04/08/2011

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

Andrew Goetz

BASF Corporation

26 Davis Drive

P.O. Box 13528

Research Triangle Park, NC 27709

4-5-11

Subject: Label Amendment  
EPA Reg. No.: 7969-273 / FreeHand 1.75G Herbicide Supplemental Label

Dear Mr. Goetz:

The amended labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable.

Submit one copy of the final printed label for the record before you release the product for shipment. A stamped copy of the label is enclosed for your records. This label must be incorporated into the master label within 18 months of the date of this letter. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product constitutes acceptance of these conditions. If you have any questions please call Erik Kraft at 703-308-9358 or email at [Kraft.Erik@epa.gov](mailto:Kraft.Erik@epa.gov).

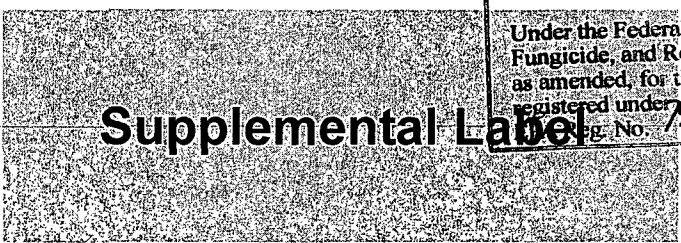
Sincerely,

A handwritten signature in black ink, appearing to read "Kable Bo Davis", with a long horizontal flourish extending to the right.

Kable Bo Davis  
Product Manager 25  
Herbicide Branch  
Registration Division (7505P)

ACCEPTED  
4-5-11

Group	3	15	Herbicide
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Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 7969-273



## For use on turfgrass

This supplemental label expires on April 1, 2013, and must not be used or distributed after this date.

### Active Ingredients:

dimethenamid-P: (S)-2-chloro-N-[(1-methyl-2-methoxy)ethyl]-N-(2,4-dimethyl-thien-3-yl)-acetamide ..... 0.75%  
 pendimethalin: N-(1-ethylpropyl)-3,4-dimethyl-2, 6-dinitrobenzenamine ..... 1.00%

Other Ingredients: ..... 98.25%  
 Total: ..... 100.00%

50 lbs contains 0.375 lb of dimethenamid-P and 0.5 lb of pendimethalin.

EPA Reg. No. 7969-273

### Directions For Use

Refer to the FreeHand® 1.75G herbicide main label, EPA Reg. No. 7969-273, for complete Directions For Use and all applicable restrictions and precautions. When following the instructions on this supplemental label, the user must have this label and the entire FreeHand 1.75G container label in possession at the time of pesticide application.

It is a violation of federal law to use this product in a manner inconsistent with its labeling.

FreeHand 1.75G may be used in any turfgrass site. Use sites include but are not limited to: grounds or lawns around residential and commercial establishments, multifamily dwellings, military and other institutions, campuses, parks, airports, roadsides, schoolyards, playgrounds, picnic grounds, athletic fields and similar recreational areas, houses of worship, cemeteries, golf courses, prairiegrass, naturalized grass areas, and sod farms.

FreeHand 1.75G applied as directed will provide preemergence control or suppression of most annual grass weeds, many annual broadleaf weeds, and sedges as they germinate in any turfgrass site. Refer to the **Weed Species Controlled** table of the EPA-approved main container label for FreeHand 1.75G.

### Application Instructions

Apply FreeHand 1.75G to any improved or unimproved maintained turfgrass area of either cool-season and warm-season turfgrass species as described in the **Tolerant Turfgrass Species** table following. Turfgrass species not listed on this label may be evaluated for tolerance by testing a small area prior to large-scale use. User assumes all risk.

### Tolerant Turfgrass Species

Cool Season	Warm Season
Bentgrass*	Bahiagrass
Bluegrass, annual*	Bermudagrass, common
Bluegrass, Kentucky	Bermudagrass, hybrid
Bluegrass, roughstalk*	Buffalograss
Fine fescue	Centipedegrass
Perennial ryegrass	Kikuyugrass
Tall fescue	St. Augustinegrass
	Seashore paspalum
	Zoysiagrass

\* Only established stands of 1/2-inch height or taller. Applications to annual bluegrass may result in yellowing and stand reduction.

**Use Rates and Timings.** Using broadcast spreader equipment, apply **FreeHand® 1.75G** herbicide at the following use rates.

Application Rate (lbs product per acre)	Amount (lbs product per 1000 sq ft)	Amount (lb product per 100 sq ft)
100	2.3	0.23
150	3.4	0.34
200	4.6	0.46

All granular herbicide products, including **FreeHand 1.75G**, have different prill sizes. Therefore, to deliver the proper rate, the applicator must calibrate prior to application of product. The **FreeHand 1.75G** calibration tray may be used to calibrate the correct application rate. Rate settings for a specific type of spreader device must be determined by the applicator.

### Spreader Use Guide

Spreader Type	Spreader Operation	Setting	Swath of Throw (feet)	Rate Range (lbs product/A)
EarthWay <sup>1</sup>	1-sided	7 to 10	3	200
EarthWay <sup>2</sup>	2-sided	11 to 12	3 to 5	150 to 200
John Deere-Lesco Rotary	NA	D to F	Not given	100 to 150
Scott Rotaries R-7, R-7x, R-8, R-8A, SR-1 (cone 9)	NA	D to E1/2	8	100 to 150
Solo Spreader 421S <sup>3</sup>	1-sided	1 to 3	3 to 4	100
Solo Spreader 421S <sup>4</sup>	2-sided	2 to 6	3 to 4	200
Spyker #75 <sup>5</sup>	1-sided	3 to 5	3 to 5	100
Warren T7II <sup>6</sup>	1-sided	3 to 5	3 to 5	100
Warren T7II <sup>7</sup>	2-sided	3 to 6	3 to 6	100

(continued)

### Spreader Use Guide (continued)

#### Spreader Efficiency Tips:

- <sup>1</sup> **For EarthWay 1-sided:** Close right slide on spreader to throw to the right.
- <sup>2</sup> **For EarthWay 2-sided:** Close left slide about 1/4 to achieve better left center to right distribution for 2-sided throw.
- <sup>3</sup> **For Solo 1-sided:** Position lever to the right (this gives a pattern all to the left and avoids depositing product onto operator's hands or body).
- <sup>4</sup> **For Solo 2-sided:** Position lever halfway between center and right position.
- <sup>5</sup> **For Spyker:** Rotate spreader to right so first mold pen mark is on top at 24° to give best distribution. NOT recommended for 2-sided use.
- <sup>6</sup> **For Warren 1-sided:** Distribution place control on front all the way to the left so pattern spreads to left and not into the applicator's arms.
- <sup>7</sup> **For Warren 2-sided:** Position lever in center for best distribution.

**FreeHand 1.75G** may be applied in a single application or in sequential applications. **DO NOT** apply more than 200 pounds of **FreeHand 1.75G** per acre in a single application.

For extended weed control or where heavy weed infestations are expected, sequential (repeat) applications of **FreeHand 1.75G** can be made 5 to 8 weeks between applications. **DO NOT** apply more than a total of 400 pounds of **FreeHand 1.75G** per acre per year.

**FreeHand 1.75G** may be applied in a sequential use program with other herbicides that control emerged weeds. **FreeHand 1.75G** may be applied before or after postemergence herbicides used to control emerged weeds in turfgrass.

For control of summer annual weeds, apply **FreeHand 1.75G** as an initial application in the spring prior to weed seed germination.

For control of winter annual weeds, apply **FreeHand 1.75G** in late summer or early fall prior to weed seed germination.

As a preemergence herbicide in turfgrass, **FreeHand 1.75G** must be moved into the weed seed germination zone by rainfall or irrigation (equivalent to 1/2 inch of rainfall) after application. If **FreeHand 1.75G** is not activated by rainfall or irrigation within 7 to 10 days, erratic weed control may result.

## Specific Turfgrass Use Site Instructions

<b>All Turfgrass</b> <ul style="list-style-type: none"> <li>• Apply <b>FreeHand® 1.75G</b> herbicide only on well-established turfgrass with a dense and uniform stand.</li> <li>• Application to turfgrass stands under stress may cause turfgrass injury.</li> <li>• On turfgrass that has been thinned or damaged due to winter injury, excessive moisture, etc., allow for turfgrass recovery prior to applying <b>FreeHand 1.75G</b>.</li> </ul>
<b>Golf Course</b> <ul style="list-style-type: none"> <li>• <b>FreeHand 1.75G</b> may be applied to established turfgrass on tees, fairways, roughs, and any other maintained or naturalized turfgrass areas on the golf course.</li> <li>• <b>DO NOT</b> apply <b>FreeHand 1.75G</b> to (putting) greens or tees including bentgrass, Bermudagrass, or annual bluegrass because injury may occur</li> </ul>
<b>Overseeded Warm-season Turfgrass</b> <ul style="list-style-type: none"> <li>• Delay (winter) overseeding of treated turfgrass for at least three (3) months following the last <b>FreeHand 1.75G</b> application.</li> <li>• Apply <b>FreeHand 1.75G</b> to overseeded warm-season turfgrass just prior to overseed removal.</li> <li>• If <b>FreeHand 1.75G</b> is applied before just prior to overseed removal, thinning or injury of the overseeded species may occur.</li> <li>• Application of a nitrogen-containing fertilizer at or soon after a <b>FreeHand 1.75G</b> application will minimize any delay in spring greenup and any temporary yellowing.</li> </ul>
<b>Sprigging Warm-season Turfgrass</b> <ul style="list-style-type: none"> <li>• Delay <b>FreeHand 1.75G</b> applications until at least two (2) months after sprigging.</li> <li>• Following a <b>FreeHand 1.75G</b> application, delay sprigging turfgrass into treated area for five (5) months.</li> </ul>
<b>Sod Establishment</b> <ul style="list-style-type: none"> <li>• Applications of <b>FreeHand 1.75G</b> to newly sodded areas must be delayed until the turfgrass root system is well established and the turfgrass has been mowed at least two (2) times.</li> </ul>
<b>Re-seeding in Turfgrass Establishment</b> <ul style="list-style-type: none"> <li>• Delay re-seeding of treated turfgrass for at least three (3) months following the last <b>FreeHand 1.75G</b> application.</li> </ul>

(continued)

## Specific Turfgrass Use Site Instructions

(continued)

<b>Newly Planted Areas (new seedings)</b> <ul style="list-style-type: none"> <li>• <b>DO NOT</b> apply <b>FreeHand 1.75G</b> to newly planted areas until the turfgrass has filled in and has been mowed at least four (4) times.</li> </ul>
<b>Dormant Warm-season Turfgrass</b> <ul style="list-style-type: none"> <li>• <b>FreeHand 1.75G</b> can be applied with glyphosate or other postemergence herbicides for applications to dormant, non-overseeded turfgrass stands.</li> </ul>
<b>Bareground or Other Unimproved Maintained Areas, or Landscaped Areas</b> <ul style="list-style-type: none"> <li>• Apply to soil, unimproved turfgrass, or in landscape areas that are maintained with mulch, such as pine straw or wood chips or gravel. Water-in according to label directions within 24 hours of application.</li> </ul>
<b>Naturalized Grass Areas</b> <ul style="list-style-type: none"> <li>• <b>FreeHand 1.75G</b> may be used to control weeds in naturalized grass areas on species listed in the <b>Tolerant Turfgrass Species</b> table above.</li> </ul>
<b>Industrial (unimproved) Turfgrass</b> <ul style="list-style-type: none"> <li>• Industrial or unimproved turfgrass areas have different spectrum of weeds to be controlled than those found in fine turfgrass as described elsewhere in this label. <b>FreeHand 1.75G</b> will control weeds that might germinate in established grass in rights-of-way, roadsides, construction sites, parks, substations, lots, or similar areas.</li> </ul>

## Conditions of Sale and Warranty

The **Directions For Use** of this product reflect the opinion of experts based on field use and tests. The directions are believed to be reliable and must be followed carefully. However, it is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or use of the product in a manner inconsistent with its labeling, all of which are beyond the control of BASF CORPORATION ("BASF") or the Seller. To the extent consistent with applicable law, all such risks shall be assumed by the Buyer.

BASF warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the **Directions For Use**, subject to the inherent risks, referred to above.

**TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BASF MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS OR MERCHANTABILITY OR ANY OTHER EXPRESS OR IMPLIED WARRANTY.**

**TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BUYER'S EXCLUSIVE REMEDY AND BASF'S EXCLUSIVE LIABILITY, WHETHER IN CONTRACT, TORT, NEGLIGENCE, STRICT LIABILITY, OR OTHERWISE, SHALL BE LIMITED TO REPAYMENT OF THE PURCHASE PRICE OF THE PRODUCT.**

**TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BASF AND THE SELLER DISCLAIM ANY LIABILITY FOR CONSEQUENTIAL, EXEMPLARY, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT.**

BASF and the Seller offer this product, and the Buyer and User accept it, subject to the foregoing **Conditions of Sale and Warranty** which may be varied only by agreement in writing signed by a duly authorized representative of BASF.

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007969-00273.20091204b.NVA 2009-04-308-0241

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