

**PLEASE NOTE**

This image contains more than one label approved for this product on this date.

7969-239

4/5/2011

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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.: 7969-239 / Tower Herbicide Supplemental Label – Sod Farms, Commercial,  
and Recreational Turfgrass

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.

Sincerely,

A handwritten signature in black ink, appearing to read "Kable Bo Davis".

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

Group 15 Herbicide

# Supplemental Label



## For use on sod farms, commercial and recreational 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 ..... 63.9%

Other Ingredients\*\*: ..... 36.1%

Total: ..... 100.0%

\* Contains 6.0 pounds of active ingredient per gallon

\*\* Contains petroleum distillates

EPA Reg. No. 7969-239

### Directions For Use

Refer to the Tower® herbicide main label, EPA Reg. No. 7969-239, 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 Tower 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.

Tower may be used as part of a preemergence weed management program in sod farms, commercial and recreational turfgrass (including sports fields) and any other nonresidential turfgrass.

Tower applied as directed will provide preemergence control or suppression of many annual grasses, annual broadleaf weeds, and sedges (including kyllinga species) listed in Table 3. Weeds Controlled of the EPA-approved main container label for Tower.

Tower may be applied to both 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.

### Application Instructions

Apply Tower with ground equipment in a minimum spray volume of 10 gallons water per acre. Tower may also be applied through ground equipment including the use of spray injection systems in a minimum spray volume of 5 gallons water per acre.

In improved or unimproved turfgrass, apply 21-fluid ounces to 32-fluid ounces Tower per acre prior to weed seed germination in the spring.

BASF Corporation  
26 Davis Drive, Research Triangle Park, NC 27709

ACCEPTED

4/5-11

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 7969-239

**BASF**  
The Chemical Company

### Uses Rates of Tower® herbicide

Use Rate	fluid ounces/acre	fluid ounce to treat 1000 sq ft
Low*	21	0.48 (14 ml)
High	32	0.73 (21 ml)

\* Where heavy weed infestations are expected, apply the high use rate of **Tower**.

**Tower** may be applied in a single application or in sequential applications.

In a single application, **DO NOT** apply more than the equivalent of 32 fluid ounces of **Tower** per acre.

For extended weed control, sequential applications of **Tower** can be made 5 to 8 weeks between applications. **DO NOT** apply more than 64 fluid ounces of **Tower** per acre per year. **Tower** may be applied in a sequential use program with other herbicides that control emerged weeds.

All applications of **Tower** must be made prior to weed seed germination.

As a preemergence herbicide, **Tower** must be moved into the weed seed germination zone by rainfall or irrigation (equivalent to 1/2 inch of rainfall) within 24 hours after application. If **Tower** is not activated by rainfall or irrigation, erratic weed control may result.

Weed control may be reduced when **Tower** is applied under conditions of heavy thatch.

### Turfgrass Tank Mixes

**Tower** may be tank mixed with the following herbicides or others labeled for use in turfgrass: **Basagran® T/O herbicide**, **Drive® XLR8 herbicide**, **Image® 70 DG herbicide**, **Onetime® herbicide**, **Pendulum® AquaCap™ herbicide**, glyphosate, or MSMA. When tank mixing with **Pendulum AquaCap**, first add **Pendulum AquaCap** to the partially filled spray tank while agitating, then add **Tower**. Fill the remainder of the spray tank with water while agitating. BASF recommends testing **Tower** tank mixes on a small portion of the target turfgrass to determine if damage is likely to occur. Consult your local BASF dealer regarding local tank mix options.

### Specific Turfgrass Use Site Instructions

<p><b>All Turfgrass</b></p> <ul style="list-style-type: none"> <li>• Apply 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>Tower</b>.</li> <li>• <b>DO NOT</b> apply to turfgrass in any residential setting unless otherwise specified in supplemental labeling for <b>Tower</b>.</li> </ul>
<p><b>Overseeded Warm-season Turfgrass</b></p> <ul style="list-style-type: none"> <li>• Delay (winter) overseeding of treated turfgrass for at least six (6) weeks following the last <b>Tower</b> application.</li> <li>• Apply <b>Tower</b> to overseeded warm-season turfgrass just prior to overseed removal.</li> <li>• If <b>Tower</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>Tower</b> application will minimize any delay in spring greenup and any temporary yellowing.</li> </ul>
<p><b>Sprigging Warm-season Turfgrass</b></p> <ul style="list-style-type: none"> <li>• Delay <b>Tower</b> applications until at least two (2) months after sprigging.</li> <li>• Following a <b>Tower</b> application, delay sprigging turfgrass into treated area for two (2) months.</li> </ul>
<p><b>Sod Establishment</b></p> <ul style="list-style-type: none"> <li>• Applications of <b>Tower</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>
<p><b>Re-seeding in Turfgrass Establishment</b></p> <ul style="list-style-type: none"> <li>• Delay re-seeding of treated turfgrass for at least six (6) weeks following the last <b>Tower</b> application.</li> </ul>
<p><b>Newly Planted Areas (new seedings)</b></p> <ul style="list-style-type: none"> <li>• <b>DO NOT</b> apply <b>Tower</b> to newly planted areas until the turfgrass has filled in and has been mowed at least four (4) times.</li> </ul>
<p><b>Dormant Warm-season Turfgrass</b></p> <ul style="list-style-type: none"> <li>• <b>Tower</b> can be applied with glyphosate or other postemergence herbicides for applications to dormant, non-overseeded turfgrass stands.</li> </ul>

(continued)

## Specific Turfgrass Use Site Instructions

*(continued)*

### Naturalized Grass Areas

- **Tower<sup>®</sup> herbicide** may be used to control weeds in naturalized grass areas on species listed in the **Tolerant Turfgrass Species** table above.

### Industrial (unimproved) Turfgrass

- 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. **Tower** will control weeds that might germinate in established grass in rights-of-way, roadsides, construction sites, parks, substations, lots, or similar areas.

**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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BASF Corporation  
26 Davis Drive  
Research Triangle Park, NC 27709



The Chemical Company

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**NEXT**

**LABEL**

7969-239

4/5/2011

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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.: 7969-239 / Tower Herbicide Supplemental Label – Residential Turfgrass

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.

Sincerely,

A handwritten signature in black ink, appearing to read "Kable Bo Davis".

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

2014

Group 15 Herbicide

# Supplemental Label



## For use on residential 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 ..... 63.9%

Other Ingredients\*\*: ..... 36.1%

Total: ..... 100.0%

\* Contains 6.0 pounds of active ingredient per gallon

\*\* Contains petroleum distillates

EPA Reg. No. 7969-239

### Directions For Use

Refer to the Tower® herbicide main label, EPA Reg. No. 7969-239, 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 Tower 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.

Tower may be used as part of a preemergence weed management program in residential turfgrass (defined as maintained turfgrass in any residential setting such as home lawns, as well as schoolyards, parks and playgrounds).

Tower applied as directed will provide preemergence control or suppression of many annual grasses, annual broadleaf weeds, and sedges (including kyllinga species) listed in Table 3. Weeds Controlled of the EPA-approved main container label for Tower.

Tower may be applied to both 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.

### Application Instructions

Apply Tower with ground equipment in a minimum spray volume of 10 gallons water per acre.

In residential turfgrass, apply 21-fluid ounces to 32-fluid ounces Tower per acre prior to weed seed germination in the spring.

ACCEPTED  
4-5-11  
Under the Federal Insecticide,  
Fungicide, and Rodenticide Act,  
as amended, for the pesticide  
registered under  
EPA Reg. No. 7969-239

## Uses Rates of Tower® herbicide

Use Rate	fluid ounces/acre	fluid ounce to treat 1000 sq ft
Low*	21	0.48 (14 ml)
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\* Where heavy weed infestations are expected, apply the high use rate of **Tower**.

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All applications of **Tower** must be made prior to weed seed germination.

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## Turfgrass Tank Mixes

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## Specific Turfgrass Use Site Instructions

### All Turfgrass

- Apply on well-established turfgrass with a dense and uniform stand.
- Application to turfgrass stands under stress may cause turfgrass injury.
- On turfgrass that has been thinned or damaged due to winter injury, excessive moisture, etc., allow for turfgrass recovery prior to applying **Tower**.
- **DO NOT** apply to turfgrass on sod farms or any other improved or unimproved maintained turfgrass areas unless otherwise specified in supplemental labeling for **Tower**.

### Overseeded Warm-season Turfgrass

- Delay (winter) overseeding of treated turfgrass for at least six (6) weeks following the last **Tower** application.
- Apply **Tower** to overseeded warm-season turfgrass just prior to overseed removal.
- If **Tower** is applied before just prior to overseed removal, thinning or injury of the overseeded species may occur.
- Application of a nitrogen-containing fertilizer at or soon after a **Tower** application will minimize any delay in spring greenup and any temporary yellowing.

### Sprigging Warm-season Turfgrass

- Delay **Tower** applications until at least two (2) months after sprigging.
- Following a **Tower** application, delay sprigging turfgrass into treated area for two (2) months.

### Sod Establishment

- Applications of **Tower** 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.

### Re-seeding in Turfgrass Establishment

- Delay re-seeding of treated turfgrass for at least six (6) weeks following the last **Tower** application.

### Newly Planted Areas (new seedings)

- **DO NOT** apply **Tower** to newly planted areas until the turfgrass has filled in and has been mowed at least four (4) times.

### Dormant Warm-season Turfgrass

- **Tower** can be applied with glyphosate or other postemergence herbicides for application to dormant, non-overseeded turfgrass stands.

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### 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.

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**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. 1108

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Research Triangle Park, NC 27709



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