

62719-585

3-19-2008

1/33



U.S. ENVIRONMENTAL PROTECTION AGENCY

Office of Pesticide Programs
Registration Division (7505C)
1200 Pennsylvania Ave., N.W.
Washington, D.C. 20460

NOTICE OF PESTICIDE:
 Registration
 Reregistration

(under FIFRA, as amended)

EPA Reg. Number:

62719-585

Date of Issuance:

19 MAR 2008

Term of Issuance: Conditional
- Expires June 6, 2013

Name of Pesticide Product:

Penoxsulam FERT 0.03%
Southern Herbicide

Name and Address of Registrant (include ZIP Code):

Dow AgroScience LLC
9330 Zionsville Road
Indianapolis, IN 46268-1054

Note: Changes in labeling, differing in substance from that accepted in connection with this registration must be submitted to, and accepted by, the Registration Division prior to use of the label in commerce. In any correspondence on this product, always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA section 3(c)(7) provided you agree in writing to:

1. Submit the following outstanding product chemistry data requirement within three years after the date of this letter: one year storage stability and corrosion characteristics studies, Guidelines 830.6317 and 830.6320. The results for the storage stability and corrosion characteristics studies being generated for product with EPA Reg. No. 62719-549 can be used to support this product (EPA Reg. No. 62719-585).

Signature of Approving Official:

Joanne I. Miller, Product Manager (23)
Herbicide Branch, Registration Division (7505C)

Date:

3/19/08

2. Submitted labeling consists of Subpart A and Subpart B. The Subpart A label is identified for "Professional Uses" "...in established turfgrass, including, but not limited to, residential lawns, golf courses, sports fields, sod farms and commercial turfgrass sites." Under the Subpart A label there are "Base Labels" for rigid containers for 5 gal or less, non-rigid containers any size, nonrefillable rigid containers greater than 5 gal, refillable rigid containers greater than 5 gal, and a label booklet cover. The Subpart B label is identified for "Residential Uses". This proposed label, with its subparts, is approved with the following label changes:

a. Under "General Use Precautions and Restrictions" of each Subpart, after the restriction "Do not collect grass clippings for use as mulch around plants.", in the same bullet, add the sentence "The active ingredient in this product may leave residues in treated grass mulch which could be harmful to some plants and trees." Within 65 days after the date of this registration the Registrant and the Agency will determine the appropriate way to communicate this precaution/restriction.

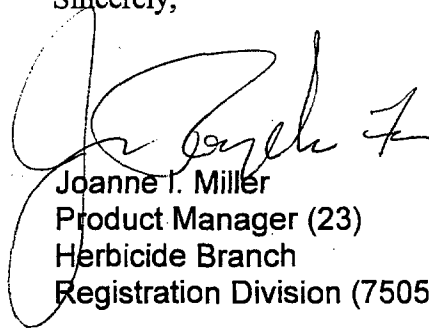
c. For consistency in Warranty Statements and the requirements of FIFRA pertaining to false or misleading statements, we have required the language "To the extent consistent with applicable law," before certain statements made by Registrants. The use of the term "To the extent consistent with applicable law," versus the current language on this label will be resolved during the same period stated in 2 (a) above.

3. Add the EPA Establishment Number to the label before shipping product.

4. Submit one copy of your final printed labeling before you release the product for shipment.

A stamped copy of labeling with comments is enclosed for your records. If you have any questions, please contact Phil Errico at 703-305-6663.

Sincerely,



Joanne I. Miller
Product Manager (23)
Herbicide Branch
Registration Division (7505P)

Enclosure: Stamped Conditionally Registered Product Label with EPA Reg. No. 62719-585

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**ACCEPTED
with COMMENTS
In EPA Letter Dated
19 MAR 2008**

[Sub Label A: Professional Uses]

(Base label for rigid containers 5 gal or less):

**Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.
62719-585**

Penoxsulam FERT 0.03% Southern
Herbicide

For postemergence control of dollarweed, white clover, dandelion, chickweed, knotweed, plantain, henbit, other broadleaf weeds and annual sedges in established turfgrass, including, but not limited to, residential lawns, golf courses, sports fields, sod farms and commercial turfgrass sites

Active Ingredient:

| | |
|--|---------|
| penoxsulam: 2-(2,2-difluoroethoxy)-N-(5,8-dimethoxy[1,2,4] triazolo[1,5c]pyrimidin-2-yl)-6-(trifluoromethyl)benzenesulfonamide | 0.03% |
| Other Ingredients | 99.97% |
| Total | 100.00% |

[Editor's note: Bag size provided by supplemental distributor.]

[Editor's note: Supplemental distributor will add fertilizer analysis and derivation statement for fertilizer carrier used.]

| | |
|---|-----|
| Guaranteed Fertilizer Analysis | |
| Total Nitrogen (N)..... | XX% |
| Available Phosphate (P ₂ O ₅)..... | XX% |
| Soluble Potash (K ₂ O)..... | XX% |

Keep Out of Reach of Children

CAUTION

Precautionary Statements

Hazards to Humans and Domestic Animals

Causes Moderate Eye Irritation

Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco.

Personal Protective Equipment (PPE)

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Chemical-resistant gloves made of any waterproof material (such as natural rubber, Selection Category A)
- Shoes plus socks

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

Engineering Controls

When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240 (d) (4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

User Safety Recommendations

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.

First Aid

If in eyes: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may contact 1-800-992-5994 for emergency medical treatment information.

Environmental Hazards

Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwater or rinsate.

Agricultural Use Requirements

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR Part 170. Refer to label booklet under "Agricultural Use Requirements" in the Directions for Use section for information about this standard.

Storage and Disposal

Do not contaminate water, food, or feed by storage and disposal.

Pesticide Storage: Store in a cool dry place in original container.

Pesticide Disposal: Wastes resulting from the use of this product must be disposed of on site or at an approved waste disposal facility.

Container Reuse: Nonrefillable container. Do not reuse or refill this container. Offer for recycling if available.

Triple rinse or pressure rinse container (or equivalent) promptly after emptying. **Triple rinse** as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. **Pressure rinse** as follows: Empty the remaining contents into application equipment or a mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or mix tank or collect rinsate for later use or disposal. Insert pressure rinsing nozzle in the side of the container, and rinse at about 40 psi for at least 30 seconds. Drain for 10 seconds after the flow begins to drip.

Refer to label booklet for Directions for Use.

Notice: Read the entire label. Use only according to label directions. **Before using this product, read Warranty Disclaimer, Inherent Risks of Use, and Limitation of Remedies elsewhere on the label. If terms are unacceptable, return at once unopened.**

In case of emergency endangering health or the environment involving this product, call 1-800-992-5994.

Agricultural Chemical: Do not ship or store with food, feeds, drugs or clothing.

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EPA Reg. No. 62719-585

EPA Est. _____

Produced for
Dow AgroSciences LLC
9330 Zionsville Road
Indianapolis, IN 46268

Net Weight _____

(Base label for nonrigid containers any size):

Penoxsulam FERT 0.03% Southern

Herbicide

For postemergence control of dollarweed, white clover, dandelion, chickweed, knotweed, plantain, henbit, other broadleaf weeds and annual sedges in established turfgrass, including, but not limited to, residential lawns, golf courses, sports fields, sod farms and commercial turfgrass sites

Active Ingredient:

| | |
|--|---------|
| penoxsulam: 2-(2,2-difluoroethoxy)-N-(5,8-dimethoxy[1,2,4] triazololo[1,5c]pyrimidin-2-yl)-6-(trifluoromethyl)benzenesulfonamide | 0.03% |
| Other Ingredients | 99.97% |
| Total | 100.00% |

[Editor's note: Bag size provided by supplemental distributor.]

[Editor's note: Supplemental distributor will add fertilizer analysis and derivation statement for fertilizer carrier used.]

| | |
|--|-----|
| Guaranteed Fertilizer Analysis | |
| Total Nitrogen (N)..... | XX% |
| Available Phosphate (P ₂ O ₅) | XX% |
| Soluble Potash (K ₂ O)..... | XX% |

Keep Out of Reach of Children

CAUTION

Precautionary Statements

Hazards to Humans and Domestic Animals

Causes Moderate Eye Irritation

Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco.

Personal Protective Equipment (PPE)

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Chemical-resistant gloves made of any waterproof material (such as natural rubber, Selection Category A)
- Shoes plus socks

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

Engineering Controls

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When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240 (d) (4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

User Safety Recommendations

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.

First Aid

If in eyes: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may contact 1-800-992-5994 for emergency medical treatment information.

Environmental Hazards

Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwater or rinsate.

Agricultural Use Requirements

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR Part 170. Refer to label booklet under "Agricultural Use Requirements" in the Directions for Use section for information about this standard.

Storage and Disposal

Do not contaminate water, food, or feed by storage and disposal.

Pesticide Storage: Store in a cool dry place in original container.

Pesticide Disposal: Wastes resulting from the use of this product must be disposed of on site or at an approved waste disposal facility.

Container Reuse: Nonrefillable container. Do not reuse or refill this container. Offer for recycling if available.

Refer to label booklet for Directions for Use.

Notice: Read the entire label. Use only according to label directions. **Before using this product, read Warranty Disclaimer, Inherent Risks of Use, and Limitation of Remedies elsewhere on the label. If terms are unacceptable, return at once unopened.**

In case of emergency endangering health or the environment involving this product, call 1-800-992-5994.

Agricultural Chemical: Do not ship or store with food, feeds, drugs or clothing.

EPA Reg. No. 62719-585

EPA Est. _____

Produced for
Dow AgroSciences LLC
9330 Zionsville Road
Indianapolis, IN 46268

Net Weight _____

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(Base label for refillable rigid containers greater than 5 gal): ✓

Penoxsulam FERT 0.03% Southern

Herbicide

For postemergence control of dollarweed, white clover, dandelion, chickweed, knotweed, plantain, henbit, other broadleaf weeds and annual sedges in established turfgrass, including, but not limited to, residential lawns, golf courses, sports fields, sod farms and commercial turfgrass sites

Active Ingredient:

| | |
|--|---------|
| penoxsulam: 2-(2,2-difluoroethoxy)-N-(5,8-dimethoxy[1,2,4] triazolo[1,5c]pyrimidin-2-yl)-6-(trifluoromethyl)benzenesulfonamide | 0.03% |
| Other Ingredients | 99.97% |
| Total | 100.00% |

[Editor's note: Bag size provided by supplemental distributor.]

[Editor's note: Supplemental distributor will add fertilizer analysis and derivation statement for fertilizer carrier used.]

| Guaranteed Fertilizer Analysis | |
|--|-----|
| Total Nitrogen (N)..... | XX% |
| Available Phosphate (P ₂ O ₅) | XX% |
| Soluble Potash (K ₂ O)..... | XX% |

Keep Out of Reach of Children

CAUTION

Precautionary Statements

Hazards to Humans and Domestic Animals

Causes Moderate Eye Irritation

Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco.

Personal Protective Equipment (PPE)

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Chemical-resistant gloves made of any waterproof material (such as natural rubber, Selection Category A)
- Shoes plus socks

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

Engineering Controls

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When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240 (d) (4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

User Safety Recommendations

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.

First Aid

If in eyes: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may contact 1-800-992-5994 for emergency medical treatment information.

Environmental Hazards

Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwater or rinsate.

Agricultural Use Requirements

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR Part 170. Refer to label booklet under "Agricultural Use Requirements" in the Directions for Use section for information about this standard.

Storage and Disposal

Do not contaminate water, food, or feed by storage and disposal.

Pesticide Storage: Store in a cool dry place in original container.

Pesticide Disposal: Wastes resulting from the use of this product must be disposed of on site or at an approved waste disposal facility.

Container Reuse: Refillable container. Refill this container with pesticide only. Do not reuse this container for any other purpose.

Cleaning the container before final disposal is the responsibility of the person disposing of the container.

Cleaning before refilling is the responsibility of the refiller. To clean the container before final disposal, empty the remaining contents from this container into application equipment or a mix tank. Fill the container about 10% full with water and, if possible, spray all sides while adding water. If practical, agitate vigorously or recirculate water with the pump for two minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times.

Refer to label booklet for Directions for Use.

Notice: Read the entire label. Use only according to label directions. **Before using this product, read Warranty Disclaimer, Inherent Risks of Use, and Limitation of Remedies elsewhere on the label. If terms are unacceptable, return at once unopened.**

In case of emergency endangering health or the environment involving this product, call 1-800-992-5994.

Agricultural Chemical: Do not ship or store with food, feeds, drugs or clothing.

EPA Reg. No. 62719-585

EPA Est. _____

Produced for
Dow AgroSciences LLC

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9330 Zionsville Road
Indianapolis, IN 46268

Net Weight _____

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(Base label for nonrefillable rigid containers larger than 5 gal):

Penoxsulam FERT 0.03% Southern

Herbicide

For postemergence control of dollarweed, white clover, dandelion, chickweed, knotweed, plantain, henbit, other broadleaf weeds and annual sedges in established turfgrass, including, but not limited to, residential lawns, golf courses, sports fields, sod farms and commercial turfgrass sites

Active Ingredient:

| | |
|--|---------|
| penoxsulam: 2-(2,2-difluoroethoxy)-N-(5,8-dimethoxy[1,2,4] triazolo[1,5c]pyrimidin-2-yl)-6-(trifluoromethyl)benzenesulfonamide | 0.03% |
| Other Ingredients | 99.97% |
| Total | 100.00% |

[Editor's note: Bag size provided by supplemental distributor.]

[Editor's note: Supplemental distributor will add fertilizer analysis and derivation statement for fertilizer carrier used.]

| | |
|--|-----|
| Guaranteed Fertilizer Analysis | |
| Total Nitrogen (N)..... | XX% |
| Available Phosphate (P ₂ O ₅) | XX% |
| Soluble Potash (K ₂ O) | XX% |

Keep Out of Reach of Children

CAUTION

Precautionary Statements

Hazards to Humans and Domestic Animals

Causes Moderate Eye Irritation

Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco.

Personal Protective Equipment (PPE)

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Chemical-resistant gloves made of any waterproof material (such as natural rubber, Selection Category A)
- Shoes plus socks

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

Engineering Controls

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When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240 (d) (4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

User Safety Recommendations

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.

First Aid

If in eyes: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may contact 1-800-992-5994 for emergency medical treatment information.

Environmental Hazards

Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwater or rinsate.

Agricultural Use Requirements

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR Part 170. Refer to label booklet under "Agricultural Use Requirements" in the Directions for Use section for information about this standard.

Storage and Disposal

Do not contaminate water, food, or feed by storage and disposal.

Pesticide Storage: Store in a cool dry place in original container.

Pesticide Disposal: Wastes resulting from the use of this product must be disposed of on site or at an approved waste disposal facility.

Container Reuse: Nonrefillable container. Do not reuse or refill this container. Offer for recycling if available.

Triple rinse or pressure rinse container (or equivalent) promptly after emptying. **Triple rinse** as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. **Pressure rinse** as follows: Empty the remaining contents into application equipment or a mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or mix tank or collect rinsate for later use or disposal. Insert pressure rinsing nozzle in the side of the container, and rinse at about 40 psi for at least 30 seconds. Drain for 10 seconds after the flow begins to drip.

Refer to label booklet for Directions for Use.

Notice: Read the entire label. Use only according to label directions. **Before using this product, read Warranty Disclaimer, Inherent Risks of Use, and Limitation of Remedies elsewhere on the label. If terms are unacceptable, return at once unopened.**

In case of emergency endangering health or the environment involving this product, call 1-800-992-5994.

Agricultural Chemical: Do not ship or store with food, feeds, drugs or clothing.

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EPA Reg. No. 62719-585

EPA Est. _____

Produced for
Dow AgroSciences LLC
9330 Zionsville Road
Indianapolis, IN 46268

Net Weight _____

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(Label booklet cover):

Penoxsulam FERT 0.03% Southern

Herbicide

For postemergence control of dollarweed, white clover, dandelion, chickweed, knotweed, plantain, henbit, other broadleaf weeds and annual sedges in established turfgrass, including, but not limited to, residential lawns, golf courses, sports fields, sod farms and commercial turfgrass sites

Active Ingredient:

| | |
|--|---------|
| penoxsulam: 2-(2,2-difluoroethoxy)-N-(5,8-dimethoxy[1,2,4] triazolo[1,5c]pyrimidin-2-yl)-6-(trifluoromethyl)benzenesulfonamide | 0.03% |
| Other Ingredients | 99.97% |
| Total | 100.00% |

Keep Out of Reach of Children

CAUTION

Agricultural Use Requirements

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR Part 170. Refer to label booklet under "Agricultural Use Requirements" in the Directions for Use section for information about this standard.

Refer to inside of label booklet for additional precautionary information including Directions for Use.

Notice: Read the entire label. Use only according to label directions. **Before using this product, read Warranty Disclaimer, Inherent Risks of Use, and Limitation of Remedies elsewhere on the label. If terms are unacceptable, return at once unopened.**

In case of emergency endangering health or the environment involving this product, call 1-800-992-5994.

Agricultural Chemical: Do not ship or store with food, feeds, drugs or clothing.

EPA Reg. No. 62719-585

EPA Est. _____

**Produced for
Dow AgroSciences LLC
9330 Zionsville Road
Indianapolis, IN 46268**

Net Weight _____

15/33

(Page 1 through end)

Precautionary Statements

Hazards to Humans and Domestic Animals**CAUTION****Causes Moderate Eye Irritation**

Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco.

Personal Protective Equipment (PPE)**Applicators and other handlers must wear:**

- Long-sleeved shirt and long pants
- Chemical-resistant gloves made of any waterproof material (such as natural rubber, Selection Category A)
- Shoes plus socks

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

Engineering Controls

When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240 (d) (4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

User Safety Recommendations

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.

First Aid

If in eyes: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may contact 1-800-992-5994 for emergency medical treatment information.

Environmental Hazards

Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwater or rinsate.

Directions for Use

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Read all Directions for Use carefully before applying.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your state or tribe, consult the agency responsible for pesticide regulation.

Agricultural Use Requirements

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Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR Part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE), and restricted entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is:

- Coveralls
- Chemical-resistant gloves made of any waterproof material
- Shoes plus socks

Non-Agricultural Use Requirements

The requirements of this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses.

Entry Restrictions for Non-WPS Uses: Keep unprotected persons out of treated areas until dusts have settled.

Storage and Disposal

Do not contaminate water, food, or feed by storage and disposal.

Pesticide Storage: Store in a cool dry place in original container.

Pesticide Disposal: Wastes resulting from the use of this product must be disposed of on site or at an approved waste disposal facility.

Nonrefillable rigid containers 5 gallons or less:

Container Reuse: Nonrefillable container. Do not reuse or refill this container. Offer for recycling if available.

Triple rinse or pressure rinse container (or equivalent) promptly after emptying. **Triple rinse** as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. **Pressure rinse** as follows: Empty the remaining contents into application equipment or a mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or mix tank or collect rinsate for later use or disposal. Insert pressure rinsing nozzle in the side of the container, and rinse at about 40 psi for at least 30 seconds. Drain for 10 seconds after the flow begins to drip.

Nonrefillable nonrigid containers:

Container Reuse: Nonrefillable container. Do not reuse or refill this container. Offer for recycling if available.

Refillable rigid containers larger than 5 gal:

Container Reuse: Refillable container. Refill this container with pesticide only. Do not reuse this container for any other purpose.

Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. To clean the container before final disposal, empty the remaining contents from this container into application equipment or a mix tank. Fill the container about 10% full with water and, if possible, spray all sides while adding water. If practical,

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agitate vigorously or recirculate water with the pump for two minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times.

Nonrefillable rigid containers larger than 5 gal:

Container Reuse: Nonrefillable container. Do not reuse or refill this container. Offer for recycling if available.

Triple rinse or pressure rinse container (or equivalent) promptly after emptying. **Triple rinse** as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. **Pressure rinse** as follows: Empty the remaining contents into application equipment or a mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or mix tank or collect rinsate for later use or disposal. Insert pressure rinsing nozzle in the side of the container, and rinse at about 40 psi for at least 30 seconds. Drain for 10 seconds after the flow begins to drip.

General Information

Penoxsulam FERT 0.03% Southern herbicide provides postemergence control of annual, biennial and perennial broadleaf weeds in established turfgrass, including, but not limited to, residential lawns, golf courses, sports fields, sod farms and commercial turfgrass sites.

General Use Precautions and Restrictions

- Do not apply Penoxsulam FERT 0.03% Southern on dichondra, carpetgrass, or closely mowed golf course putting greens, or turfgrass containing desirable clovers.
- Do not apply Penoxsulam FERT 0.03% Southern directly to, or otherwise permit Penoxsulam FERT 0.03% Southern to come into contact with, flowers, ornamental shrubs or trees, or other desirable broadleaf plants, as serious plant injury may occur.
- Do not collect grass clippings for use as mulch around plants. The active ingredient in this product may leave residues in treated grass mulch which could be harmful to some plants and trees.
- To minimize the potential for turfgrass injury, allow four weeks between applications.
- Avoid unnecessary disturbances, including watering and mowing, for approximately 24 hours after application.
- Use Penoxsulam FERT 0.03% Southern on solid (monoculture) stands of perennial ryegrass or tall fescue at a maximum rate of 70 lb (0.02 lb ai penoxsulam) per acre. Some yellowing of these turfgrasses may occur within two weeks of application. Any discoloration is transitory and will dissipate under adequate growing conditions.
- Do not apply more than 200 lb of Penoxsulam FERT 0.03% Southern (0.06 lb ai penoxsulam) per acre per application.
- Do not apply more than 300 lb of Penoxsulam FERT 0.03% Southern (0.09 lb ai penoxsulam) per year.

Treatment on Turfgrass Species Not Listed on the Label for Penoxsulam FERT 0.03% Southern

Users who wish to use Penoxsulam FERT 0.03% Southern on turfgrass species not recommended on this label may determine the suitability for use by treating a small area at a recommended rate. Prior to treatment of larger areas, the treated area should be observed for any sign of herbicidal injury during 30 days of normal growing conditions to determine if the target turfgrass species is tolerant. Applications should not be made to turfgrass under stress. The user assumes responsibility for any plant damage or other liability resulting from use of Penoxsulam FERT 0.03% Southern on turfgrass species not recommended on this label.

Penoxsulam FERT 0.03% Southern is recommended for use on the following established turfgrass species (numbers in parentheses (-) refer to footnotes below):

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Established Cool Season Turfgrass (1)

| Common Name | Scientific Name |
|----------------------|-------------------------------------|
| annual bluegrass | <i>Poa annua</i> |
| bentgrass | <i>Agrostis species</i> |
| bluegrass, Kentucky | <i>Poa pratensis</i> |
| fescue, chewing | <i>Festuca rubra var. commutata</i> |
| fescue, creeping red | <i>Festuca rubra</i> |
| fescue, sheeps | <i>Festuca ovina</i> |
| fescue, tall | <i>Festuca arundinaceae</i> |
| ryegrass, perennial | <i>Lolium perenne</i> |

Established Warm Season Turfgrass (2)

| Common Name | Scientific Name |
|---|--------------------------------|
| Bermudagrass (common or hybrid) | <i>Cynodon dactylon</i> |
| fescue, tall (growing in warm season areas) | <i>Festuca arundinaceae</i> |
| kikuyugrass | <i>Pennisetum clandestinum</i> |
| seashore paspalum | <i>Paspalum vaginatum</i> |
| St. Augustinegrass | <i>Stenotaphrum secundatum</i> |
| zoysiagrass | <i>Zoysia japonica</i> |
| zoysiagrass | <i>Zoysia tenuifolia</i> |

1. Use no more than 150 lb of Penoxsulam FERT 0.03% Southern (0.045 lb ai penoxsulam) per acre per application.
2. Use no more than 200 lb of Penoxsulam FERT 0.03% Southern (0.06 lb ai penoxsulam) per acre per application.

Weeds Controlled or Suppressed

Generally, application rates at the lower end of the recommended rate range will be satisfactory for young, succulent growth of sensitive weed species. For less sensitive species and under conditions where control is more difficult (plant stress conditions such as drought or extreme temperatures, dense weed stands and/or larger weeds), the higher rate within the rate range or repeat applications will be needed. Weeds growing in the absence of competition from other vegetation generally require higher rates or repeat applications to obtain satisfactory control or suppression.

Dollarweed, dandelion, chickweed, plantain, and clover are controlled effectively with Penoxsulam FERT 0.03% Southern. A partial list of weeds that are controlled is shown below.

| | | |
|--------------------|----------------|----------------|
| bedstraw | dock | morningglory |
| black medic | eclipta | peppergrass |
| broadleaf plantain | Florida betony | pigweed |
| buckhorn plantain | Florida pusley | plantain |
| burdock | ground ivy | purslane |
| chicory | healall | ragweed |
| chickweed | henbit | sheepsorrel |
| clover | knotweed | shepherdspurse |
| dandelion | lambsquarters | speedwell |
| dollarweed | lespedeza | thistle |

Application Directions

Apply Penoxsulam FERT 0.03% Southern using a drop or rotary-type spreader designed to apply granules. Calibrate application equipment prior to use according to the manufacturer's directions. Check frequently to be sure equipment is working properly and distributing granules uniformly. Do not use spreaders that apply material in narrow concentrated bands. Avoid skips or overlaps as poor weed

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control or turfgrass injury may occur. More uniform application may be achieved by spreading half of the required amount of product over the area and then applying the remaining half in swaths at right angles to the first.

Mow the turfgrass two to three days before applying Penoxsulam FERT 0.03% Southern. If the turfgrass is under moisture stress, a thorough sprinkler irrigation of at least 1/2 inch is recommended at least one to two days before application. Apply Penoxsulam FERT 0.03% Southern in the morning when dew is present. If necessary, sprinkler irrigate with less than 1/4 inch of water just prior to application to maximize particle adherence to leaf surfaces. Avoid watering of treated area within 24 hours of application. Avoid making applications if rainfall is expected within 24 hours after treatment.

Application Techniques for Applying Penoxsulam FERT 0.03% Southern

- When using a drop-type spreader, a splashboard mounted under the hopper will provide more even granule distribution.
- A chain fastened to the side of the spreader and allowed to drag on the soil surface can be used to mark the edge of the treated swath and help prevent skips or overlaps.
- For treating smaller areas, a hand held or push-type rotary applicator such as a whirlybird or cyclone unit is recommended. For hand held units, walk and turn the crank at a constant rate of speed.
- A shaker-type applicator made from a small container with holes punched in the bottom is recommended for small, difficult to treat areas. Carefully measure the amount of product needed to avoid over application.

Spreader Settings as a Guide for Calibration

Note: These settings are provided as a suggested starting point in calibrating each individual spreader. Since no two spreaders are alike, these settings are not intended to be used as absolute recommendations by Dow AgroSciences or the spreader manufacturer.

| Speed (mph) | Settings for Spreader | |
|-------------|--|-------------|
| | Recommended Rate of Penoxsulam FERT 0.03% Southern | |
| | 150 lb/acre | 200 lb/acre |
| XX | XX | XX |

Warren spreader settings are displayed in half-number increments only. The suggested settings that indicate quarter settings can be accomplished by placing the calibration arm between the half number marks on the spreader.

Rates and Timing of Application

Apply 150 to 200 lb of Penoxsulam FERT 0.03% Southern per acre (3.5 to 4.6 lb per 1000 sq ft) to established turfgrass. Possible re-treatment in approximately 30 days may be necessary if turfgrass is heavily infested with weeds or if adverse low moisture conditions prevail and weeds are in a state of poor growth. Do not exceed recommended rates because damage to turfgrass may occur. Do not make more than two applications per season.

Note: When applying to warm season turfgrass under conditions of inadequate moisture, high temperature and high humidity, over-application may cause minor transitory discoloration. It is recommended to reduce application rates by 50% during hot, dry conditions to avoid possible dehydration or browning of grasses.

[Editor's note: Supplemental distributor will select the appropriate bag size and present only the rate information provided for that bag size on product labeling.]

Broadcast Rates for Penoxsulam FERT 0.03% Southern

| Bag Size | Rate | Treated Area |
|----------|------|--------------|
|----------|------|--------------|

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| lb | lb/acre | lb/1000 sq ft | acre | sq ft |
|----|---------|---------------|------|--------|
| 15 | 150 | 3.5 | 0.1 | 4,400 |
| | 200 | 4.6 | 0.08 | 3,500 |
| 16 | 150 | 3.5 | 0.11 | 4,800 |
| | 200 | 4.6 | 0.08 | 3,500 |
| 17 | 150 | 3.5 | 0.11 | 4,800 |
| | 200 | 4.6 | 0.09 | 3,900 |
| 18 | 150 | 3.5 | 0.12 | 5,200 |
| | 200 | 4.6 | 0.09 | 3,900 |
| 20 | 150 | 3.5 | 0.13 | 5,700 |
| | 200 | 4.6 | 0.1 | 4,400 |
| 30 | 150 | 3.5 | 0.2 | 8,700 |
| | 200 | 4.6 | 0.15 | 6,500 |
| 40 | 150 | 3.5 | 0.27 | 12,000 |
| | 200 | 4.6 | 0.2 | 8,700 |
| 45 | 150 | 3.5 | 0.3 | 13,000 |
| | 200 | 4.6 | 0.23 | 10,000 |
| 50 | 150 | 3.5 | 0.33 | 14,000 |
| | 200 | 4.6 | 0.25 | 11,000 |

Best weed control results are obtained when Penoxsulam FERT 0.03% Southern is applied to small, actively growing weeds in the spring or early fall. Extreme growing conditions such as drought or near freezing temperatures prior to, at, or following time of application may reduce weed control. Broadleaf weed species germinate at different times.

Apply Penoxsulam FERT 0.03% Southern to newly seeded cool season turfgrass only after the third mowing or after the turfgrass seedlings have tillered and developed an adequate secondary root system. Reseeding is not recommended for at least three to four weeks after application.

This product may also be applied to newly established warm season turfgrass. Delay treatments four weeks after sodding, sprigging or plugging.

Terms and Conditions of Use

If terms of the following Warranty Disclaimer, Inherent Risks of Use, and Limitation of Remedies are not acceptable, return unopened package at once to the seller for a full refund of purchase price paid. Otherwise, use by the buyer or any other user constitutes acceptance of the terms under Warranty Disclaimer, Inherent Risks of Use and Limitation of Remedies.

Warranty Disclaimer

Seller warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the label when used in strict accordance with the directions, subject to the inherent risks set forth below. SELLER MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR ANY OTHER EXPRESS OR IMPLIED WARRANTY.

Inherent Risks of Use

It is impossible to eliminate all risks associated with use of this product. Plant injury, lack of performance, or other unintended consequences may result because of such factors as use of the product contrary to label instructions (including conditions noted on the label, such as unfavorable temperatures, soil conditions, etc.), abnormal conditions (such as excessive rainfall, drought, tornadoes, hurricanes), presence of other materials, the manner of application, or other factors, all of which are beyond the control of Seller. To the extent permitted by law, all such risks shall be assumed by buyer.

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Limitation of Remedies

To the extent permitted by law, the exclusive remedy for losses or damages resulting from this product (including claims based on contract, negligence, strict liability, or other legal theories), shall be limited to, at Seller's election, one of the following:

- (1) Refund of purchase price paid by buyer or user for product bought; or
- (2) Replacement of amount of product used.

To the extent permitted by law, Seller shall not be liable for losses or damages resulting from handling or use of this product unless Seller is promptly notified of such loss or damage in writing. To the extent permitted by law, in no case shall Seller be liable for consequential or incidental damages or losses.

The terms of the Warranty Disclaimer, Inherent Risks of Use, and Limitation of Remedies cannot be varied by any written or verbal statements or agreements. No employee or sales agent of the Seller or the seller is authorized to vary or exceed the terms of the Warranty Disclaimer or this Limitation of Remedies in any manner.

EPA accepted __/__/__

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[Sub Label B: Residential Uses]

(Base label):

Penoxsulam FERT 0.03% Southern

Herbicide

For postemergence control of dollarweed, white clover, dandelion, chickweed, knotweed, plantain, henbit, other broadleaf weeds and annual sedges in established home lawns

- and/or
- Controls [tough] weeds [such as white clover] [dandelion] [henbit] [plantain] [chickweed] [knotweed]**
- and/or
- Apply at any time [spring, summer, fall]**
- and/or
- Use for a [beautiful] [weed-free] lawn**
- and/or
- Easy to use**
- and/or
- [Just] One application kills weeds missed by competitive brands [and fertilizes into summer]**
- and/or
- Better weed control [and fertilizer] than other leading brands**
- and/or
- Extended time release feeding of nitrogen lasts into summer**
- and/or
- Effective weed control leads to greener, thicker lawns**
- and/or
- Apply [anytime] when weeds are actively growing**
- and/or
- All the fertilizer nutrients your lawns needs for spring**
- and/or
- Feeds [greens] [strengthens] [thickens] your lawn for up to 3 months – longer than leading competitive brands**
- and/or
- Apply once for the whole season**
- and/or
- Feeds [and strengthens] root systems without burning your lawn**
- and/or
- Fertilize once for the whole season – Feeds [and greens] with slow release fertilizer for up to 3 months**
- and/or
- Fertilizers to fill in bare spots [and provide plush green lawns]**
- and/or
- Kills weeds [and fertilizes the lawn]**
- and/or
- Fertilizes to provide rich color [and vigorous growth]**
- and/or
- Effective weed control – prevents weeds all season long**
- and/or
- Season-long weed killer [and fertilizer]**
- and/or

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- Controls weeds longer
and/or
- Fertilizes longer
and/or
- Kills tough existing weeds [and controls new weeds] for 3 months
and/or
- For use on cool and warm season turfgrass
and/or
- Can be applied to newly established warm season grass
and/or
- [Just] One application kills weeds
and/or
- Better weed control than other brands
and/or
- Contains the latest technology in weed control
and/or
- Can be used on newly planted grass
and/or
- _____ lb covers up to _____ sq ft [of turfgrass]
and/or
- Does not contain atrazine
and/or
- Atrazine-free dollarweed control
and/or
- Contains a reduced risk herbicide

Active Ingredient:

| | |
|---|---------|
| penoxsulam: 2-(2,2-difluoroethoxy)-N- | |
| (5,8-dimethoxy[1,2,4] triazolo[1,5c]pyrimidin- | |
| 2-yl)-6-(trifluoromethyl)benzenesulfonamide | 0.03% |
| Other Ingredients | 99.97% |
| Total | 100.00% |

[Editor's note: Bag size provided by supplemental distributor.]

[Editor's note: Supplemental distributor will add fertilizer analysis and derivation statement for fertilizer carrier used.]

| | |
|--|-----|
| Guaranteed Fertilizer Analysis | |
| Total Nitrogen (N)..... | XX% |
| Available Phosphoric Acid (P ₂ O ₅) | XX% |
| Soluble Potash (K ₂ O)..... | XX% |

Keep Out of Reach of Children

CAUTION

Precautionary Statements

Hazards to Humans and Domestic Animals

Causes Moderate Eye Irritation

Avoid contact with eyes or clothing. Wear long-sleeved shirt, long pants, and shoes plus socks. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco.

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First Aid

If in eyes: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may contact 1-800-992-5994 for emergency medical treatment information.

Environmental Hazards

Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwater or rinsate.

Storage and Disposal

Do not contaminate water, food, or feed by storage and disposal.

Pesticide Storage: Store in a cool dry place in original container.

Container Reuse: Nonrefillable container. Do not reuse or refill this container. Offer for recycling if available.

Refer to inside of label booklet for Directions for Use.

Notice: Read the entire label. Use only according to label directions. **Before using this product, read Warranty Disclaimer, Inherent Risks of Use, and Limitation of Remedies elsewhere on the label. If terms are unacceptable, return at once unopened.**

In case of emergency endangering health or the environment involving this product, call 1-800-992-5994.

Agricultural Chemical: Do not ship or store with food, feeds, drugs or clothing.

EPA Reg. No. 62719-585

EPA Est. _____

Produced for
Dow AgroSciences LLC
9330 Zionsville Road
Indianapolis, IN 46268

Net Weight _____

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(Label booklet cover):

Penoxsulam FERT 0.03% Southern

Herbicide

For postemergence control of dollarweed, white clover, dandelion, chickweed, knotweed, plantain, henbit, other broadleaf weeds and annual sedges in established home lawns

- and/or
- Controls [tough] weeds [such as white clover] [dandelion] [henbit] [plantain] [chickweed] [knotweed]**
- and/or
- Apply at any time [spring, summer, fall]**
- and/or
- Use for a [beautiful] [weed-free] lawn**
- and/or
- Easy to use**
- and/or
- [Just] One application kills weeds missed by competitive brands [and fertilizes into summer]**
- and/or
- Better weed control [and fertilizer] than other leading brands**
- and/or
- Extended time release feeding of nitrogen lasts into summer**
- and/or
- Effective weed control leads to greener, thicker lawns**
- and/or
- Apply [anytime] when weeds are actively growing**
- and/or
- All the fertilizer nutrients your lawns needs for spring**
- and/or
- Feeds [greens] [strengthens] [thickens] your lawn for up to 3 months – longer than leading competitive brands**
- and/or
- Apply once for the whole season**
- and/or
- Feeds [and strengthens] root systems without burning your lawn**
- and/or
- Fertilize once for the whole season – Feeds [and greens] with slow release fertilizer for up to 3 months**
- and/or
- Fertilizers to fill in bare spots [and provide plush green lawns]**
- and/or
- Kills weeds [and fertilizes the lawn]**
- and/or
- Fertilizes to provide rich color [and vigorous growth]**
- and/or
- Effective weed control – prevents weeds all season long**
- and/or
- Season-long weed killer [and fertilizer]**
- and/or
- Controls weeds longer**
- and/or

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- Fertilizes longer
and/or
- Kills tough existing weeds [and controls new weeds] for 3 months
and/or
- For use on cool and warm season turfgrass
and/or
- Can be applied to newly established warm season grass
and/or
- [Just] One application kills weeds
and/or
- Better weed control than other brands
and/or
- Contains the latest technology in weed control
and/or
- Can be used on newly planted grass
and/or
- _____ lb covers up to _____ sq ft [of turfgrass]
and/or
- Does not contain atrazine
and/or
- Atrazine-free dollarweed control
and/or
- Contains a reduced risk herbicide

Active Ingredient:

| | |
|---|---------|
| penoxsulam: 2-(2,2-difluoroethoxy)-N- | |
| (5,8-dimethoxy[1,2,4] triazolo[1,5c]pyrimidin- | |
| 2-yl)-6-(trifluoromethyl)benzenesulfonamide | 0.03% |
| Other Ingredients | 99.97% |
| Total | 100.00% |

[Editor's note: Bag size provided by supplemental distributor.]

[Editor's note: Supplemental distributor will add fertilizer analysis and derivation statement for fertilizer carrier used.]

| Guaranteed Fertilizer Analysis | |
|---|-----|
| Total Nitrogen (N)..... | XX% |
| Available Phosphoric Acid (P ₂ O ₅)..... | XX% |
| Soluble Potash (K ₂ O)..... | XX% |

Keep Out of Reach of Children

CAUTION

Refer to inside of label booklet for additional precautionary information including Directions for Use.

Notice: Read the entire label. Use only according to label directions. Before using this product, read **Warranty Disclaimer, Inherent Risks of Use, and Limitation of Remedies elsewhere on the label. If terms are unacceptable, return at once unopened.**

In case of emergency endangering health or the environment involving this product, call 1-800-992-5994.

Agricultural Chemical: Do not ship or store with food, feeds, drugs or clothing.

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EPA Reg. No. 62719-585

EPA Est. _____

**Produced for
Dow AgroSciences LLC
9330 Zionsville Road
Indianapolis, IN 46268**

Net Weight _____

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(Page 1 through end)

Precautionary Statements

Hazards to Humans and Domestic Animals**CAUTION****Causes Moderate Eye Irritation**

Avoid contact with eyes or clothing. Wear long-sleeved shirt, long pants, and shoes plus socks. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco.

First Aid

If in eyes: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may contact 1-800-992-5994 for emergency medical treatment information.

Environmental Hazards

Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwater or rinsate.

Directions for Use

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Read all Directions for Use carefully before applying.

Storage and Disposal

Do not contaminate water, food, or feed by storage and disposal.

Pesticide Storage: Store in a cool dry place in original container.

Container Reuse: Nonrefillable container. Do not reuse or refill this container. Offer for recycling if available.

How This Product Works

Penoxsulam FERT 0.03% Southern herbicide provides postemergence control of annual, biennial and perennial broadleaf weeds in established home lawns.

General Use Precautions and Restrictions

- Do not apply Penoxsulam FERT 0.03% Southern on dichondra, carpetgrass or turfgrass containing desirable clovers.
- Do not apply Penoxsulam FERT 0.03% Southern directly to, or otherwise permit Penoxsulam FERT 0.03% Southern to come into contact with, flowers, ornamental shrubs or trees, or other desirable broadleaf plants, as serious plant injury may occur.
- Do not collect grass clippings for use as mulch around plants. The active ingredient in this product may leave residues in treated grass mulch which could be harmful to some plants and trees.
- To minimize the potential for turfgrass injury, allow four weeks between applications.
- Avoid unnecessary disturbances, including watering and mowing, for approximately 24 hours after application.
- Use Penoxsulam FERT 0.03% Southern on solid (monoculture) stands of perennial ryegrass or tall fescue at a maximum rate of 1.6 lb per 1000 sq ft. Some yellowing of these turfgrasses may occur

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within two weeks of application. Any discoloration is transitory and will dissipate under adequate growing conditions.

- Do not apply more than 4.6 lb of Penoxsulam FERT 0.03% Southern per 1000 sq ft.
- Do not apply more than 6.9 lb of Penoxsulam FERT 0.03% Southern per 1000 sq ft per year.
- Keep unprotected persons out of treated areas until dusts have settled.

Treatment on Turfgrass Species Not Listed on the Label for Penoxsulam FERT 0.3 % Southern

Users who wish to use Penoxsulam FERT 0.03% Southern on turfgrass species not recommended on this label may determine the suitability for use by treating a small area at a recommended rate. Prior to treatment of larger areas, the treated area should be observed for any sign of herbicidal injury during 30 days of normal growing conditions to determine if the target turfgrass species is tolerant. Applications should not be made to turfgrass under stress. The user assumes responsibility for any plant damage or other liability resulting from use of Penoxsulam FERT 0.03% Southern on turfgrass species not recommended on this label.

Penoxsulam FERT 0.03% Southern is recommended for use on the following established turfgrass species (numbers in parentheses (-) refer to footnotes below):

Established Cool Season Turfgrass

(1)

annual bluegrass
bentgrass
bluegrass, Kentucky

fescue, chewing
fescue, creeping red
fescue, sheeps
fescue, tall
ryegrass, perennial

Established Warm Season Turfgrass (2)

Bermudagrass (common or hybrid)
centipedegrass
fescue, tall (growing in warm season areas)
kikuyugrass
seashore paspalum
St. Augustinegrass
zoysiagrass

1. Use no more than 3.4 lb of Penoxsulam FERT 0.03% Southern per 1000 sq ft per application.
2. Use no more than 4.6 lb of Penoxsulam FERT 0.03% Southern per 1000 sq ft per application.

Weeds Controlled or Suppressed

Generally, application rates at the lower end of the recommended rate range will be satisfactory for young, succulent growth of sensitive weed species. For less sensitive species and under conditions where control is more difficult (plant stress conditions such as drought or extreme temperatures, dense weed stands and/or larger weeds), the higher rate within the rate range or repeat applications will be needed. Weeds growing in the absence of competition from other vegetation generally require higher rates or repeat applications to obtain satisfactory control or suppression.

Dollarweed, dandelion, chickweed, plantain, and clover are controlled effectively with Penoxsulam FERT 0.03% Southern. A partial list of weeds that are controlled is shown below.

| | | |
|--------------------|----------------|----------------|
| bedstraw | dock | morningglory |
| black medic | eclipta | peppergrass |
| broadleaf plantain | Florida betony | pigweed |
| buckhorn plantain | Florida pusley | plantain |
| burdock | ground ivy | purslane |
| chicory | healall | ragweed |
| chickweed | henbit | sheepsorrel |
| clover | knotweed | shepherdspurse |
| dandelion | lambsquarters | speedwell |
| dollarweed | lespedeza | thistle |

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How to Apply

Apply Penoxsulam FERT 0.03% Southern using a drop or rotary-type spreader designed to apply granules. Calibrate application equipment prior to use according to manufacturer's directions. Check frequently to be sure equipment is working properly and distributing granules uniformly. Do not use spreaders that apply material in narrow concentrated bands. Avoid skips or overlaps as poor weed control or turfgrass injury may occur. More uniform application may be achieved by spreading half of the required amount of product over the area and then applying the remaining half in swaths at right angles to the first.

Mow the turfgrass two to three days before applying Penoxsulam FERT 0.03% Southern. If the turfgrass is under moisture stress, a thorough sprinkler irrigation of at least 1/2 inch is recommended at least one to two days before application. Apply Penoxsulam FERT 0.03% Southern in the morning when dew is present. If necessary, sprinkler irrigate with less than 1/4 inch of water just prior to application to maximize particle adherence to leaf surfaces. Avoid watering of treated area within 24 hours of application. Avoid making applications if rainfall is expected within 24 hours after treatment.

Application Techniques for Applying Penoxsulam FERT 0.03% Southern

- When using a drop-type spreader, a splashboard mounted under the hopper will provide more even granule distribution.
- A chain fastened to the side of the spreader and allowed to drag on the soil surface can be used to mark the edge of the treated swath and help prevent skips or overlaps.
- For treating smaller areas, a hand held or push-type rotary applicator such as a whirlybird or cyclone unit is recommended. For hand held units, walk and turn the crank at a constant rate of speed.
- A shaker-type applicator made from a small container with holes punched in the bottom is recommended for small, difficult to treat areas. Carefully measure the amount of product needed to avoid over application.

Spreader Settings as a Guide for Calibration

Note: These settings are provided as a suggested starting point in calibrating each individual spreader. Since no two spreaders are alike, these settings are not intended to be used as absolute recommendations by Dow AgroSciences or the spreader manufacturer.

| Speed (mph) | Settings for Spreader | |
|-------------|--|-------------------|
| | Recommended Rate of Penoxsulam FERT 0.03% Southern | |
| | 3.5 lb/1000 sq ft | 4.6 lb/1000 sq ft |
| XX | XX | XX |

Warren spreader settings are displayed in half-number increments only. The suggested settings that indicate quarter settings can be accomplished by placing the calibration arm between the half number marks on the spreader.

How Much to Apply

Apply 3.5 to 4.6 lb of Penoxsulam FERT 0.03% Southern per 1000 sq ft to established turfgrass. Possible re-treatment in approximately 30 days may be necessary if turfgrass is heavily overrun with weeds or if adverse low moisture conditions prevail and weeds are in a state of poor growth. Do not exceed recommended rates because damage to turfgrass may occur. Do not make more than two applications per season.

Note: When applying to warm season turfgrass under conditions of inadequate moisture, high temperature and high humidity, over-application may cause minor transitory discoloration. It is recommended to reduce application rates by 50% during hot, dry conditions to avoid possible dehydration or browning of turfgrass.

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[Editor's note: Supplemental distributor will select the appropriate bag size and present only the rate information provided for that bag size on product labeling.]

Broadcast Rates for Penoxsulam FERT 0.03% Southern

| Bag Size | Rate | Treated Area |
|----------|---------------|--------------|
| lb | lb/1000 sq ft | sq ft |
| 15 | 3.5 | 4,400 |
| | 4.6 | 3,500 |
| 16 | 3.5 | 4,800 |
| | 4.6 | 3,500 |
| 17 | 3.5 | 4,800 |
| | 4.6 | 3,900 |
| 18 | 3.5 | 5,200 |
| | 4.6 | 3,900 |
| 20 | 3.5 | 5,700 |
| | 4.6 | 4,400 |
| 30 | 3.5 | 8,700 |
| | 4.6 | 6,500 |
| 40 | 3.5 | 12,000 |
| | 4.6 | 8,700 |
| 45 | 3.5 | 13,000 |
| | 4.6 | 10,000 |
| 50 | 3.5 | 14,000 |
| | 4.6 | 11,000 |

When to Apply

Best weed control results are obtained when Penoxsulam FERT 0.03% Southern is applied to small, actively growing weeds in the spring or early fall. Extreme growing conditions such as drought or near freezing temperatures prior to, at, or following time of application may reduce weed control. Broadleaf weed species germinate at different times.

Apply Penoxsulam FERT 0.03% Southern to newly seeded cool season turfgrass only after the third mowing or after the turfgrass seedlings have tillered and developed an adequate secondary root system. Reseeding is not recommended for at least three to four weeks after application.

This product may also be applied to newly established warm season turfgrass. Delay treatments four weeks after sodding, sprigging or plugging.

Terms and Conditions of Use

If terms of the following Warranty Disclaimer, Inherent Risks of Use, and Limitation of Remedies are not acceptable, return unopened package at once to the seller for a full refund of purchase price paid. Otherwise, use by the buyer or any other user constitutes acceptance of the terms under Warranty Disclaimer, Inherent Risks of Use and Limitation of Remedies.

Warranty Disclaimer

Seller warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the label when used in strict accordance with the directions, subject to the inherent risks set forth below. SELLER MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR ANY OTHER EXPRESS OR IMPLIED WARRANTY.

Inherent Risks of Use

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It is impossible to eliminate all risks associated with use of this product. Plant injury, lack of performance, or other unintended consequences may result because of such factors as use of the product contrary to label instructions (including conditions noted on the label, such as unfavorable temperatures, soil conditions, etc.), abnormal conditions (such as excessive rainfall, drought, tornadoes, hurricanes), presence of other materials, the manner of application, or other factors, all of which are beyond the control of Seller. To the extent permitted by law, all such risks shall be assumed by buyer.

Limitation of Remedies

To the extent permitted by law, the exclusive remedy for losses or damages resulting from this product (including claims based on contract, negligence, strict liability, or other legal theories), shall be limited to, at Seller's election, one of the following:

- (1) Refund of purchase price paid by buyer or user for product bought, or
- (2) Replacement of amount of product used.

To the extent permitted by law, Seller shall not be liable for losses or damages resulting from handling or use of this product unless Seller is promptly notified of such loss or damage in writing. To the extent permitted by law, in no case shall Seller be liable for consequential or incidental damages or losses.

The terms of the Warranty Disclaimer, Inherent Risks of Use, and Limitation of Remedies cannot be varied by any written or verbal statements or agreements. No employee or sales agent of the Seller or the seller is authorized to vary or exceed the terms of the Warranty Disclaimer or this Limitation of Remedies in any manner.

EPA accepted / /

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Appendix I

Examples of fertilizer grades with nutrient contents expressed as the percentages of N, P₂O₅ and K₂O include but are not limited to the following:

| | | | | | | |
|---------|---------|--------|--------|---------|--------|--------|
| 8-3-3 | 19-3-6 | 24-4-8 | 25-5-5 | 26-3-10 | 27-3-6 | 30-3-3 |
| 13-3-6 | 19-6-8 | 25-3-3 | 26-3-3 | 26-4-4 | 27-4-6 | 31-3-8 |
| 16-4-8 | 21-0-18 | 25-4-8 | 26-3-6 | 26-4-6 | 28-0-4 | 32-4-8 |
| 17-2-11 | 22-3-3 | | | | | |

The fertilizer grade guaranteed analysis may contain macronutrients and micronutrients. The nutrient contents expressed will vary among states and the analyses will differ between supplemental registrations. The guaranteed analysis of a 26-3-10 fertilizer grade is presented as follows:

Guaranteed Fertilizer Analysis

| | |
|--|-----|
| Total nitrogen (N) | 26% |
| 1.9% ammoniacal nitrogen | |
| 24.1% urea nitrogen | |
| Available phosphate (P ₂ O ₃) | 3% |
| Soluble potash (K ₂ O) | 10% |