

538-257

12/5/2003

1/24

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

DEC - 5 2003

Sheila R. Kendrick  
Scotts-Sierra Crop Protection Co.  
14111 Scottslawn Road  
Marysville, OH 43041

Dear Ms. Kendrick:

SUBJECT: Label Amendment Per PR Notice 2001-1 and other  
Label Revisions  
Fertilizer Plus Preemergent Weed Control II  
EPA Registration No. 538-257 ✓  
Your Application Dated September 2, 2003

The label amendment referred to above, submitted in accordance with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable. A stamped copy is enclosed for your records. Please submit one (1) copy of your final printed labeling before you release the product for shipment. This amended labeling supersedes all previously accepted ones.

Since this is a #range# registration we recommend that you amend this registration to a #single# point for each active ingredient.

Sincerely yours,

/s/

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

Enclosure

7505C							
<i>Joanne Miller</i>							
12/5/03							

Fertilizer Plus Preemergent Herbicide II  
EPA Reg. No. 538-257

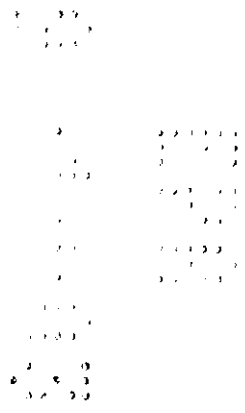
[TURF LABEL]

[OPTIONAL FRONT PANEL CLAIMS]

- Provides selective control of sprouting annual broadleaf weeds
- Provide initial green-up
- Provides preemergent control or suppression of crabgrass, Poa Annua, goosegrass, foxtail, chickweed, oxalis, spurge and other annual grassy and broadleaf weeds.
- Provides a feeding of fertilizer.
- Provides a light nitrogen feeding.
- Provides a selective control of sprouting goosegrass, crabgrass, foxtail, Poa Annua, and other sprouting annual grassy weeds.
- Controlled-Release Poly-S® nitrogen provides uniform growth with extended feeding.
- Poly-S® Technology (Scotts slow release Polymer-encapsulated fertilizer).
- Provides a feeding
- Controls 18 annual grassy and broadleaf weeds: annual bluegrass, barnyardgrass, crabgrass, large; crabgrass, smooth; goosegrass; foxtail; Poa annua; barnyardgrass; fall panicum; field sandbur; annual sedge; oxalis; purslane; knotweed; and prostrate spurge.
- Provides shorter overseeding, reseeding or sprigging intervals (only 3 to 4 months) for a greener, thicker playing surface, faster.
- Labeled for use on bermudagrass, buffalograss, seashore paspalum, St. Augustinegrass, tall fescue, zoysiagrass and blends of these grasses.
- The XX-X-X formulation combines both slow and quick release nitrogen to provide prolonged feeding action, as well as excellent initial greening.
- Combination product combining Ronstar® and Pendimethalin
- Contains Scotts® Methylene Urea fertilizer, which provides uniform growth with extended feeding.

For Sale To, Use and Storage By Commercial, Turf, Nursery, Cut Flower, Foliage And Landscape Personnel Only.

FERTILIZER PLUS PREEEMERGENT HERBICIDE II



PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals: WARNING. Causes skin irritation. Harmful if swallowed, inhaled or absorbed through the skin. Causes eye irritation. Do not get in eyes, on skin, or on clothing. Avoid breathing dust. Do not contaminate feed or foodstuffs. Do not graze treated areas. Do not feed clippings to livestock.

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 first 5 minutes, then continue rinsing eye. Call poison control center or doctor for treatment advice.

IF ON SKIN OR CLOTHING: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call poison control center or doctor for treatment advice.

IF SWALLOWED: Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

IF INHALED: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respirations, preferable by mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

Environmental Hazards:

This pesticide is toxic to fish. Use with care when applying to areas adjacent to any body of water. Runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. 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 by cleaning of equipment or disposal of wastes.

ACTIVE INGREDIENTS:

Oxadiazon†	0.20 – 2.0%
Pendimethalin††	0.20 – 4.0%
OTHER INGREDIENTS:	94.0 – 99.6%
TOTAL	100.0%

EPA Reg. No. 538-257

†CAS No. 19666-30-9

††CAS No. 40487-42-1

**ACCEPTED**  
 In EPA Letter Dated  
 DEC - 5 2003

Under the Federal Insecticide,  
 Fungicide, and Rodenticide Act  
 as amended, for the pesticide  
 registered under EPA Reg. No.  
538-257

Pending EPA Approval

EPA Est. No. 538-OH-1 (S)

EPA Est. No. 8378-IN-1 (K)

Subscript is the first letter of run code on end of container

**Guaranteed Analysis (XX-X-X)**

Total nitrogen (N) .....	XX%
X.X % urea nitrogen	
X.X % water insoluble organic nitrogen *	
X.X % water insoluble nitrogen	

Derived from: Urea, methylene ureas

Product of U.S.A. NET WEIGHT: XX.X LBS. (XX.XX kg)

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The Scotts Company  
14111 Scottslawn Road  
Marysville, OH 43041

If you have any questions regarding the use of this product, call TOLL FREE 1-800-XXX-XXXX.

\*Contains XX.X % slowly available nitrogen from methylenediurea and dimethylenetriurea nitrogen.

BACK PANEL

XX-X-X  
Fertilizer Plus Preemergent Herbicide II

(Scotts®)  
ProTurf  
BRAND

XX-X-X  
Fertilizer Plus Preemergent Herbicide II

Controls:

Sprouting Grassy Weeds (Monocots)\*

- crabgrass, large
- crabgrass, smooth
- foxtail
- goosegrass
- Poa annua* †
- Barnyardgrass
- fall panicum
- field sandbur
- annual sedge

Sprouting Broadleaf Weeds (Dicots)\*

- oxalis
- purslane
- knotweed
- prostrate spurge
- chickweed (common and mouse-ear)†

\* See "How/When to Use" section for recommended application rates.  
 † See *Poa annua* control section.

Directions for use

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

Do not apply this product in a way that will contact workers or other persons or pets, either directly or thorough drift. Only protected handlers may be in the area during application. Keep people and pets out of the treated area during application.

For the selective control of sprouting annual grassy and broadleaf weeds in established ornamental turfgrass areas such as golf course fairways, roughs and tees, parks, cemeteries, athletic fields and non-residential lawns containing bermudagrass, buffalograss, seashore paspalum, St. Augustinegrass, tall fescue, zoysiagrass, and blends of these grasses. See "Precautions" statement.

Pending EPA Approval

Not for use on turf being grown for sale or other commercial use as sod, or for commercial seed production, or for research purposes.

Not for use on home lawns. Not for use on established bentgrass, *Poa Annua*, fine fescue, bahiagrass, centipedegrass or blends of these grasses. Not for use on dichondra. Not for use on bermudagrass putting greens, or similarly maintained areas.

**How/When to Use**

For control of annual grassy and broadleaf weeds such as crabgrass, goosegrass, foxtail, barnyardgrass, fall panicum, *Poa annua* oxalis, knotweed, purslane, and prostrate spurge, apply in the spring or fall before they sprout.

To prevent *Poa annua*, and other fall germinating weeds, apply the product at the suggested rate in late summer-early fall before germination. Repeat treatment yearly for continued control. A repeat application after the *Poa annua* treatment in late summer to early fall should not be made until the following spring.

Turfgrass Species	Weeds	Rates of Product	Comments
<u>Warm Season Grasses</u> Bermudagrass (Not for use on greens.) Buffalograss Seashore Paspalum St. Augustinegrass Tall Fescue Zoysiagrass	crabgrass goosegrass foxtail <i>Poa annua</i> barnyardgrass fall panicum field sandbur annual sedge oxalis prostrate spurge	XXX - XXX lbs./acre prior to weed germination.  (1.25 lbs. ai/acre Pendimethalin)  (2.00 lbs. ai/acre Oxadiazon)	In regions with an extended growing season (greater than 6 months) apply a repeat application 2 - 4 months later for continued weed control.
<u>Cool Season Grasses</u> Kentucky bluegrass Perennial ryegrass Tall fescue	purslane knotweed chickweed		

Apply the product uniformly to dry foliage at the suggested rate with a properly calibrated spreader. Do not apply to moist turfgrass foliage. For best results, water after application ( ¼ - ½ inch ) to remove the granules from the foliage and to move the product to the soil surface. This is important to maximize product safety and efficacy.

To improve performance, do not mow the treated area until the product has been watered in and turf foliage has dried.

Do not destroy the chemical barrier by raking or aerifying.

Allow at least 2–4 months span between any two applications.

Allow at least one week between application of this product and other control products. (This guideline can be relaxed where severe insect or disease attack required immediate treatment).

If turf is starting to green up, water immediately after application to remove the granules from the foliage.

After this product has been applied two to three consecutive years and annual monocot and dicot weeds have been effectively controlled, further applications should be withheld until need is established.

Prior to seeding and sprigging, the soil surface should be disturbed or worked to dilute any remaining chemical residue.

**Precautions:**

Applications of this product to bermudagrass overseeded with cool season turfgrass species may injure and thin the overseeding.

Do not apply this product when the temperature is regularly above 80°F.

Do not apply this product to moist turfgrass foliage.

This product may cause discoloration to certain treated turfgrasses. This discoloration is temporary and will normally be outgrown within 2 to 3 weeks.

This product may cause discoloration and thinning where over-applications have been made if the turfgrass is under severe stress conditions (disease, drought, low temperature — below 40°F, excessive soil moisture, scalping, etc.).

Where bermudagrass or other turfgrasses have been thinned (25% or more) due to winter damage, insects, disease, scalping, etc., an application should be withheld until filling-in and rooting of stolons/rhizomes is complete and desired turf density is achieved.

For established turfgrass areas where reseeding is necessary, delay the product application until after seeding and after the new grass seedlings have been mowed 4 times. This may be up to 3 months from the date of seeding. This product cannot be used on newly seeded turfgrass areas. Turfgrass areas must be established and the stand uniform, dense, and not in need of reseeding.

On newly sprigged bermudagrass or other vegetative planted turfgrasses wait until the new grass has filled in and the stolons have rotted down before application.

Complete any raking or aerifying of the turf before treatment so that the protective chemical barrier against weeds is not destroyed after application.

Germination of overseeded grasses may be reduced if seeded within 3 – 5 months of spring application.

Avoid application to cement stone, clothing or shoes. If contact occurs, brush off particles to prevent staining. If necessary, rinse with water.

If metallic surfaces (golf course equipment, automobiles, etc.) are present at the application site, do not use this product under windy conditions (5-10 MPH) due to its staining potential.

#### **Precautions for bermudagrass:**

When applied to dormant bermudagrass, green-up may be delayed 2 to 3 weeks in the spring. The delay in green-up may be more extensive in low-cut bermudagrass and on sandy soils.

Application of this product to bermudagrass overseeded with cool season turfgrass species may injure and thin the overseeding.

Where turf injury or thinning has occurred due to winter injury, wait until green-up, fill-in, and good rooting before making an application.

#### **Other Precautions**

This product does not control germinated or established weeds.

For turfgrasses, residual effectiveness required a delay of 3 – 6 months after treatment before reseeding or winter overseeding. Five growing months are required before sprigging. (Growing months are generally considered March through November). For example, if applied in early March, wait until July before reseeding and until August before sprigging.

Do not apply more than a cumulative total of XXX – XXX lbs product per year (Oxadiazon 4.0 lbs ai/ac/yr; Pendimethalin, 2.5 lbs ai/ac/yr) in cool season turfgrasses and XXX – XXX lbs product per acre per year (Oxadiazon 6.0 lbs ai/ac/yr; Pendimethalin 3.75 lbs ai/ac/yr) on warm season turfgrasses.

Prior to seeding or sprigging, the soil surfaces should be disturbed or worked to dilute any remaining chemical residue.



## STORAGE AND DISPOSAL

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

**STORAGE:** Store in a clean, dry place. Reseal opened bag by folding top down and securing.

**PESTICIDE DISPOSAL:** Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the hazardous waste representative of the nearest EPA Regional Office for guidance.

**CONTAINER DISPOSAL:** Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

**[NOTE TO PM: ALTERNATE DIRECTIONS FOR USE FOR TURF]**

### **Directions for use**

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

Do not apply this product in a way that will contact workers or other persons or pets, either directly or thorough drift. Only protected handlers may be in the area during application. Keep people and pets out of the treated area during application.

For the selective control of sprouting annual grassy and broadleaf weeds in established ornamental turfgrass areas such as golf course fairways, roughs and tees, parks, cemeteries, athletic fields and non-residential lawns containing bermudagrass, buffalograss, seashore paspalum, St. Augustinegrass, tall fescue, zoysiagrass, and blends of these grasses. See "Precautions" statement.

Not for use on turf being grown for sale or other commercial use as sod, or for commercial seed production, or for research purposes.

Not for use on home lawns. Not for use on established bentgrass, *Poa Annua*, fine fescue, bahiagrass, centipedegrass or blends of these grasses. Not for use on dichondra. Not for use on bermudagrass putting greens, or similarly maintained areas.

**How/When to Use**

For control of annual grassy and broadleaf weeds such as crabgrass, goosegrass, foxtail, barnyardgrass, fall panicum, *Poa annua* oxalis, knotweed, purslane, and prostrate spurge, apply in the spring or fall before they sprout.

To prevent *Poa annua*, and other fall germinating weeds, apply the product at the suggested rate in late summer-early fall before germination. Repeat treatment yearly for continued control. A repeat application after the *Poa annua* treatment in late summer to early fall should not be made until the following spring.

Turfgrass Species	Weeds	Rates of Product	Comments
<u>Warm Season</u> <u>Grasses</u> Bermudagrass (Not for use on greens.) Buffalograss Seashore Paspalum St. Augustinegrass Tall Fescue Zoysiagrass	crabgrass goosegrass foxtail <i>Poa annua</i> barnyardgrass fall panicum field sandbur annual sedge oxalis prostrate spurge	XXX - XXX lbs./acre prior to weed germination.  (1.25 lbs. ai/acre Pendimethalin)  (2.00 lbs. ai/acre Oxadiazon)	In regions with an extended growing season (greater than 6 months) apply a repeat application 2 - 4 months later for continued weed control.
<u>Cool Season</u> <u>Grasses</u> Kentucky bluegrass Perennial ryegrass Tall fescue	purslane knotweed chickweed		

Apply the product uniformly to dry foliage at the suggested rate with a properly calibrated spreader. Do not apply to moist turfgrass foliage. For best results, water after application ( ¼ - ½ inch ) to remove the granules from the foliage and to move the product to the soil surface. This is important to maximize product safety and efficacy.

For optimum weed control, do not mow the treated area until the product has been watered in and turf foliage has dried.

If turf is starting to green up, water immediately after application to remove the granules from the foliage.

**Precautions:**

Do not apply this product when turf is under stress (heat, drought).

As with most other preemergent herbicides, misapplication or overapplication of this product to bermudagrass overseed with cool season turfgrass species may injure and thin the overseeding.

When any preemergence herbicide is applied to dormant bermudagrass, green-up may be delayed 2 to 3 weeks in the spring. The delay in green-up may be more extensive in low-cut bermudagrass and on sandy soils.

This product may cause discoloration and thinning where over-applications have been made if the turfgrass is under severe stress conditions (disease, drought, low temperature — below 40°F, excessive soil moisture, scalping, etc.).

Avoid application to cement, stone, clothing, or shoes. If contact occurs, brush off particles to prevent staining. If necessary, rinse with water.

If metallic surfaces (golf course equipment, automobiles, etc.) are present at the application site, do not use this product under windy conditions (5 – 10 MPH) due to its staining potential.

**Properties of all Dinitroaniline (DNA) herbicides products**

- Following treatment, may cause temporary slowing of turf fill-in and stolon/rhizome rooting.
- Requires a waiting period before seeding or sprigging.

**Seeding and sprigging intervals after treatment**

- For perennial ryegrass winter overseedings or reseeding with other large sized seed turfgrass species (e.g. tall fescue), residual effectiveness requires a delay of 3 months after last treatment before seeding.
- For bermudagrass seeding or other small sized seeded turfgrass species, wait four (4) months after last treatment before seeding.
- Two-three growing months are required before sprigging consult your Scotts Technical Representative) for specific recommendations.

**Treatment interval after seeding or sprigging**

- Wait until the grass seedlings have been mowed four (4) times and the new turf stand is uniform, dense, and not in need of reseeding.
- On newly sprigged bermudagrass or other vegetative planted turfgrasses wait until the new grass has filled in and the stolons have rooted down before application.

**NOTES**

Do not apply more than a cumulative total of XXX.XX lbs product per acre per year (Oxadiazon, 6.0 lbs. ai/ac/year; Pendimethalin, 3.75 lbs. ai/ac/year) on warm season turfgrasses.

Allow at least a 3-month span between any two applications.

This product does not control germinated or established weeds.

Prior to seeding and sprigging, the soil surface should be disturbed or worked to dilute any remaining chemical residue.

Do not destroy the chemical barrier by raking or aerifying. Complete any raking or aerifying of the turf before treatment so that the protective chemical barrier against the weeds is not destroyed after application.

Allow at least one week between application of this product and other control products. (This guideline can be relaxed where severe insect or disease attack requires immediate treatment.)

To optimize application accuracy and uniform product distribution, the half rate, half width application procedure may be used (see "Suggested Spreader Settings").

**STORAGE AND DISPOSAL**

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

**STORAGE:** Store in a clean, dry place. Reseal opened bag by folding top down and securing.

**PESTICIDE DISPOSAL:** Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the hazardous waste representative of the nearest EPA Regional Office for guidance.

**CONTAINER DISPOSAL:** Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

**[NOTE TO PM: END OF OPTIONAL DIRECTIONS FOR USE]**

**LIMITATION OF LIABILITY**

This product has been researched to provide necessary data to support its uses listed on the label. The user should always follow the label directions and exercise his judgement and caution when using the product under his growing conditions. NO WARRANTY OR REPRESENTATION IS MADE, EXPRESS, OR IMPLIED CONCERNING THE RESULTS TO BE OBTAINED FROM THE USE OF THIS PRODUCT IF NOT USED IN ACCORDANCE WITH DIRECTIONS OR ESTABLISHED SAFE PRACTICE. The exclusive remedy of the user and Buyer, and limit of liability of The Scotts Company, or any of its affiliates, for any and all losses, injuries and damages resulting from the use or handling of this product shall be the purchase price paid by the user or Buyer for the quantity of this product involved. The Buyer and all users are deemed to have accepted the terms of this Notice, which may be varied only by agreement in writing, signed by a duly authorized representative of The Scotts Company.

ProTurf Division, The Scotts Company, Marysville, Ohio 43041

**Suggested Spreader Settings**

To provide proper distribution calibrate spreader before application.

XX lbs. treats XX,XXX sq ft at the 200 LB/ACRE RATE.

XX lbs. treats XX,XXX sq ft at the HALF RATE and HALF WIDTH (equals XXX lbs/A). \*\*

Spreader	Ground or PTO Speed (mph)	Width of Coverage	Spreader Settings	
			XXX lb/acre RATE (1X)	HALF RATE/ HALF WIDTH** (1X)
Scotts Drop	3	overlap wheels		
Gandy (30")	3	overlap wheels		
Scotts Rotaries R-7, R-7X*	3			
R-8A, SR-2000 AccuPro (cone)	3			
Lely Models (see below)	4.5			
Vicon	4.5			

\*Set pattern slide to XX closed position.

\*\*At the HALF RATE setting, apply at a swath width of XXX ft. for the Scott Rotary and XXX ft. for the Lely to achieve an overall rate of XXX lbs/A.

Lely models WTR, WFR, HR and 1250. PTO at 450 rpm.

Attention: This product contains a chemical known to the State of California to cause cancer.

Pending EPA Approval

**Fertilizer Plus Preemergent Herbicide II**  
**EPA Reg. No. 538-257**

**[ORNAMENTAL LABEL]**

**[OPTIONAL FRONT PANEL CLAIMS]**

- Provides preemergence control of weeds in turf grass, container, landscape and field grown ornamentals.
- Controls 18 grassy and broadleaf weeds.
- The XX-X-X formulation combines both slow and quick release nitrogen to provide prolonged feeding action as well as excellent initial greening
- Combination product of Oxadiazon (X.X%) and Pendimethalin (.XX%)
- Contains Scotts® Methylene Urea fertilizer

**WARNING**

**KEEP OUT OF REACH OF CHILDREN**

Some components of this product may cause eye irritation.

**PRECAUTIONARY STATEMENTS**

Hazards to Humans and Domestic Animals: **WARNING**. Causes skin irritation. Harmful if swallowed, inhaled or absorbed through the skin. Causes eye irritation. Do not get in eyes, on skin, or on clothing. Avoid breathing dust. Do not contaminate feed or foodstuffs. Do not graze treated areas. Do not feed clippings to livestock.

**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 first 5 minutes, then continue rinsing eye. Call poison control center or doctor for treatment advice.

**IF ON SKIN OR CLOTHING**: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call poison control center or doctor for treatment advice.

**IF SWALLOWED**: Call a poison control center or doctor immediately for treatment advice.

Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

**IF INHALED**: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respirations, preferable by mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

**Personal Protective Equipment (PPE)**

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Waterproof gloves
- Shoes plus socks
- Protective eyewear
- NIOSH approved respirator with any R,P. or HE filter.

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 CRF 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.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

**Environmental Hazards:**

This pesticide is toxic to fish. Use with care when applying to areas adjacent to any body of water. Runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. 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 by cleaning of equipment or disposal of wastes.

**ACTIVE INGREDIENTS:**

Oxadiazon† .....	0.20 – 2.0%
Pendimethalin†† .....	0.20 – 4.0%
OTHER INGREDIENTS:.....	94.0 – 99.6%
<b>TOTAL</b>	<b>100.0%</b>

EPA Reg. No. 538-257

† CAS # 19666-30-9

†† CAS # 40487-42-1

EPA Est. No. 538-OH-1 (S)

EPA Est. No. 8378-IN-1 (K)

Subscript is the first letter of run code on end of container

Pending EPA Approval

**Guaranteed Analysis (XX-X-X)**

Total nitrogen (N) .....XX%

    X.X %    urea nitrogen

    X.X %    water insoluble organic nitrogen \*

    X.X %    water insoluble nitrogen

Derived from: Urea, methylene ureas

\*Contains XX.X % slowly available nitrogen from methylenediurea and dimethylenetriurea nitrogen.

Net Weight XX.XX lb.

Stock #9XXXX

Distributed by:

Scotts-Sierra Crop Protection Company

14111 Scottslawn Road • Marysville, OH 43041

If you have any questions regarding the use of this product, call TOLL FREE 1-800-XXX-XXXX.

For Sale To, Use and Storage By Commercial, Turf, Nursery, Cut Flower, Foliage And Landscape Personnel Only.

FERTILIZER PLUS PREEEMERGENT HERBICIDE II

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The Scotts Company

14111 Scottslawn Road

Marysville, OH 43041

1-800-XXX-XXXX



**DIRECTIONS FOR USE**

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

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**

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 24 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
- Protective eyewear

**NON-AGRICULTURAL USE REQUIREMENTS**

The requirements in 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, forest, nurseries or greenhouses.

Keep all person, children and pets out of the treated areas until dusts have settled.

For weed control around and over the top of established landscape, field grown, and container ornamentals.

Apply either prior to weed seed germination or following complete weed removal.

After planting, prior to herbicide application, irrigate with approximately ½ inch of water to firm potting media around root system.

Apply this product to dry foliage only. For best results, water immediately (1/2 to 1 inch) after application to remove granules from plant foliage and activate the herbicide.

First application to field grown ornamentals can be made following planting or prior to weed seed germination. Soil should be broken by light cultivation and be free of all established weeds.

The ornamental plants on the following list have been tested and shown to be safe when treated with Fertilizer Plus Preemergent Herbicide II. Only one or two varieties of each species were tested. Other species in a genus or different varieties in the same species may respond differently. Be cautious when treating annual plants.

Fertilizer Plus Preemergent Herbicide II may be used on plant species not listed on this label. All species and varieties of ornamental plant types have not been tested. If a user wishes to make an application to a similar ornamental plant type not listed on the label it is suggested that a trial application be performed first. **THE USER ASSUMES RESPONSIBILITY FOR ANY CROP DAMAGE OR OTHER LIABILITY.** Do not treat plants grown for food or feed. Do not use treated plants for food or feed.

A trial application should be made by applying Fertilizer Plus Preemergent Herbicide II to a small number of plants (20 or more) and grown under conditions similar to those which will be treated full scale. Wait 7 days for initial injury symptoms.

The following is a list of plants shown to be tolerant to FERTILIZER PREEMERGENT HERBICIDE II. There is limited data to support application to annuals.

**TREES**

Apple	Malus	spp
Crabapple	Malus	spp
Arbovitae	Thuja	spp
Ash	Franxinus	spp
Bald Cypress	Takodium	distichum
Leyland Cypress	Cupressocypris	leylandii
Cedar	Thuja	spp
Cedar, Red	Juniperus	virginia
Cedar, Atlas	Cedrus	atlantica
Dogwood	Cornus	spp
Elm	Ulmus	japonica
Fir, Douglas	Psudotsuga	menziesii
Gingko	Gingko	biloba
Hemlock, Canada	Tsuga	canadensis
Holly	Ilex	spp
Lilac	Syringa	spp
Magnolia	Magnolia	spp
Maple	Acer	spp
Oak	Quercus	spp
Palm	several	
Pine	Pinus	spp
Poplar	Populus	spp
Redwood, dawn	Metasequoia	glyptostoboides
Spruce	picea	spp

**SHRUBS**

Azalea	Rhododendron	spp
Bamboo	Bambusa	spp
Barberry	Berberis	spp
Boxwood	Buxus	spp
Butterfly bush	Buddleia	dividii
Camellia	Camellia	spp
Cotoneaster	Cotoneaster	spp
Crepe myrtle	Lagerstoemia	spp
Deutzia	Deutzia	gracilis
Escallonia	Escallonia	spp
Euonymus	Euonymus	spp
Forsythia	Forsythia	intermedia
Fothergilla	Fothergilla	gardenii
Gardenia	Gardenia	jasminoides
Hibiscus	Hibiscus	spp
Honeysuckle	Diervilla / Lonicera	spp
Holly	Ilex	spp

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Hydrangea	Hydrangea	arborescens
Juniper	Juniperus	spp
Laurel	Prunus	spp
Laurel	Kalmia	Latifolia
Lucothoe	Lucothoe	spp
Lilac	Syringae	spp
Lily of the Nile	Agapanthus	spp
Grape Holly	Mahonia	aquafolium
Mock Orange	Pittospirum	tobira
Mock Orange	Philadelphus	virginialis
Myrtle	Mutus	communis
Nandina	Nandina	domestica
Oleander	Nerium	oleander
Osmanthus	Osmanthus	spp
Photinia, Fraser	Photinia	fraseri
Privet	Lygustrum	spp
Pyracantha	Pyracanthus	coccinea
Rhododendron	Rhododendron	spp
Rose	Rosa	spp
Sweet pepparbush	Clethera	spp
Viburnum	Viburnum	spp
Yew	Taxus	spp

**Perennial and Annual Ornamentals and Groundcovers**

Acacia	Acacia	redolens
Ageratum	Ageratum	spp
Ajuga	Ajuga	spp
	Aquilegia	spp
Artemisia	Artemisia	schmidtiana
Asters	Aster	spp
Astilbe	Astilbe	spp
Baby's Breath	Gypsophilia	spp
Bee Balm	Monarda	didyma
Bergenia	Bergenia	spp
Blanket flower	Gaillardia	spp
Blue wild indigo	Baptisia	australis
Campanula	Campanula	carpatia
Canna Lilies	Canna	spp
Cat mint	Nepeta	fassenii
Chrysanthemums	Chrysanthumum	spp
Coneflower	Rudbeckia	spp.
Coreopsis	Coreopsis	lanceolata
Echinacea	Echinacea	purpurea
Epimedium	Epimedium	spp
Eupatorium	Eupatorium	rogusum
Dianthus	Dianthus	deltoides

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Yellow foxglove	Digitalis	grandiflora
Gaillardia	Gaillardia	spp
Ganzania, trailing	Gazania	luecoleana
Gazania	Gazania	spp
Geraniums	Pelargonium	spp
Gladiolas	Gladiolus	spp
Gaura	Gaura	lindheimeri
Heather	Calluna	vulgaris
Hosta	Hosta	spp
Heuchera	Heuchera	micantha
Ice Plant	Carpobrotus	edulis
Ivy	Hedera	spp
Jasmine	Jasminium	mesnyi
Jasmine Primrose	Trachelospermum	spp
Leopards-Bane	Lamiastrum	galaobdoion
	Doronicum	cordatum
	Lavandala	angustifolia
Liatrus	Liatrus	spicata
Lily	Lilium	orientalis
	Miscanthus	sinensis
Pachysandra	Pachysandra	terminalis
Penstemon	Penstemon	barbatus
Peony	Paeonia	Spp
Periwinkle	Vinca	Spp
Phlox	Phlox	Subulata
Potentilla	Potentilla	Spp
Rudbeckia	Rudbeckia	Fulgia
Russian sage	Perovskia	Atriplicifolia
Salvia	Salvia	Nemorosa
Scabiosa	Scabiosa	Spp
Sedum	Sedum	Spp
St. Johnswort	Hypericum	Spp
Veronica	Veronica	Spicata
Wisteria	Wisteria	Synesis
Yarrow	Achillea	Millefolium

### Ornamental Grasses

Blue Fescue	Festuca	Ovina
Calamagrostis	Calamagrostis	Acutiflora
Purple Fountain	Pennisetum	Rubrum

### Plants that have shown injury from FETRILIZER PLUS PREEMERGENT HERBICIDE II

Begonia	Begonia	Spp
Campanula	Campanula	persicifolia

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Dianthus	Dianthus	caryophyllus
	Calluna	spp
	Carex	spp
	Catharanthus	roseus
Chrysanthemum	Chrysanthemum	spp
Clematis	Clematis	spp
Delphinium	Delphinium	spp
	Echinacea	spp
Heather	Calluna	spp
Lupines	Lupinus	spp
	Ligustrum	vicaryi
	Oenothera	missouriensis
	Heuchera	spp
Geranium	Geranium	sanguinea
	Monarda	spp
Phlox	Phlox	paniculata
Sedum	Sedum	brevifolium
Shasta daisy	Leucanthemum	maximum
Petunia	Petunia	spp
Marigolds	Tagetes	spp
Vinca	Vinca	minor
Zinnia	Zinnia	spp

**CONTROLS**

Fertilizer Plus Preemergent Herbicide II gives preemergence control of the following weeds:

**GRASSY WEEDS**

- Annual bluegrass (Poa annua)
- Annual sedge (Cyperus compressus)
- Barnyardgrass (Echinochloa crusgalli)
- Crabgrass, Large (Digitaria sanguinalis)
- Crabgrass, Smooth (Digitaria ischaemum)
- Fall panicum (Panicum dichotomiflorum)
- Field sandbur (Cenchrus incertus)
- Foxtail, Green (Setaria viridis)
- Foxtail, Yellow (Setaria lutescens)
- Goosegrass (Eleusine indica)

**BROADLEAF WEEDS**

Bittercress (Cardamine pensylvanica)  
 Common Chickweed (Stellaria media)  
 Knotweed, Prostrate (Polygonum aviculare)  
 Oxalis (Oxalis stricta)  
 Prostrate spurge (Euphorbia maculata)  
 Purslane (Portulaca oleracea)  
 Pigweed (Amaranthus retroflexus)  
 Spurge, roundleaf (Euphorbia cordifolia)

**APPLICATION RECOMMENDATION**

- Apply this product to dry foliage only. Apply either prior to weed seed germination or following complete weed removal.
- For best results, water immediately (1/2 to 1 inch) to remove granules from plant foliage and activate the herbicide.
- Remove established weeds from potted liners prior to transplanting into containers. After planting irrigate with approximately 1/2" to 1" of water to firm potting media around root system. After two regular waterings and foliage has dried, broadcast product evenly over container growing area. Water in with 1/2" to 1 inch.
- Do not destroy the chemical barrier by raking or tilling. Complete raking or tilling before treatment so that the protective chemical barrier is not destroyed after application.
- Fertilizer Plus Preemergent Herbicide II should be applied at the recommended rate with a properly calibrated spreader which will assure accurate, even particle distribution.

**APPLICATION RATES**

<u>Square Foot</u>	<u>100 Square Feet</u>	<u>Acres</u>
2g	200g	200 lbs

**PRECAUTIONS/LIMITATIONS**

- Do not apply to wet foliage.
- Do not apply product in enclosed greenhouses or polyhouse structures as ornamental injury may occur.
- Do not apply in wind conditions that affect distribution of the product.
- Do not incorporate product into soil or potting media nor apply product directly to bare roots.
- The user assumes responsibility for any crop damage or other liability from the use of this product on ornamental plant species not recommended on this label.
- Avoid contamination of water for irrigation and domestic use.
- Avoid application to cement, stone, clothing or shoes. If contact occurs, brush off particles to prevent staining. If necessary, rinse with water.
- Not for use on vegetables. Do not use on fruit trees that will bear fruit within one year of application.
- This product does not control germinating or established weeds.

**STORAGE AND DISPOSAL**

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

**STORAGE:** Store in a clean, dry place. Reseal opened bag by folding top down and securing.

**PESTICIDE DISPOSAL:** Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the hazardous waste representative of the nearest EPA Regional Office for guidance.

**CONTAINER DISPOSAL:** Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

**IMPORTANT NOTICE:  
DISCLAIMER AND LIMITATION OF LIABILITY**

This product has been researched to provide necessary data to support its use on ornamentals. However, it is understood that tests may not have been carried out on all varieties and under all growing conditions. The user should always follow label directions and exercise judgment and caution when using this product on a given variety until familiar with the results under their growing conditions. NO WARRANTY OR REPRESENTATION IS MADE, EXPRESS OR IMPLIED, CONCERNING THE RESULTS OBTAINED FROM THE USE OF THIS PRODUCT IF NOT USED IN ACCORDANCE WITH DIRECTIONS OR ESTABLISHED SAFE PRACTICE. The exclusive remedy of the user or Buyer, and the liability of The Scotts Company or its affiliates, for any and all losses, injuries or damages resulting from the use or handling of this product shall be the purchase price paid by the user or Buyer for the quantity of this product involved. The Buyer and all users are deemed to have accepted the terms of this Notice, which may be varied only by agreement in writing signed by a duly authorized representative of The Scotts Company.

Attention: This product contains a chemical known to the State of California to cause cancer.

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