

538-172

06/29/2005

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

JUN 29 2005

OFFICE OF
PREVENTION, PESTICIDES
AND
TOXIC SUBSTANCES

Ms. Sheila R. Kendrick
Scotts Sierra Crop Protection Company
14111 Scottslawn Road
Marysville, OH 43041

Dear Mr. Kendrick:

Subject: Label Revision Amendment - Comply
With The Pendimethalin RED
EPA Registration No. 538-172
Your Amendment Application Submission
Dated August 18, 2004

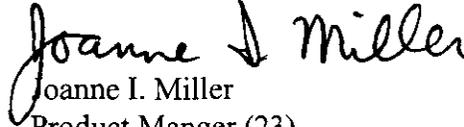
The labeling, referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is acceptable provided that you:

1. Make the labeling changes listed below before you release the product for shipment bearing the amended labeling:
 - a. In compliance with the Oxyfluorfen RED, please make the following revisions:
 - i. Under the heading entitled "**PERSONAL PROTECTIVE EQUIPMENT**" on page 2 of your product labeling, revise the required personal protective equipment to read as follows:
 - Coveralls over long-sleeved shirt and long pants
 - Chemical-resistant footwear plus socks
 - Chemical-resistant gloves
 - Chemical-resistant apron for mixer and loaders
 - ii. Under the heading entitled "**ENVIRONMENTAL HAZARDS**" on page 2 of your product labeling, revise the first sentence of the paragraph to read as follows: "This pesticide is toxic to wildlife and aquatic invertebrates."
2. Please submit one (1) final printed copy of the referenced label, incorporating the above change, before releasing the product for shipment. Your release for shipment of the product

bearing the amended labeling constitutes acceptance of these conditions.

The amended labeling supercedes all previously accepted ones and a stamped copy is enclosed for your records.. If you have any concerns or questions regarding this letter, please call Marcel Howard at (703)305-6784 or Joanne I. Miller at (703)305-6224.

Sincerely yours,



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

Enclosures

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ACCEPTED
with COMMENTS
In EPA Letter Dated:
JUN 29 2005
Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.

538-172



Ornamental Herbicide II

**Provides preemergence control of weeds
in container and field grown ornamentals**

- Excellent, broad spectrum weed control.
- Even distribution of particles at the proper application rate.
- Application to dry foliage only.
- Application timing when plants are not breaking dormancy or making a flush of growth.
- Application at least two (2) weeks prior to enclosure in greenhouse/shadehouse type structures and two (2) weeks prior to shipping plant material.

PACKAGING
Unit Size:
 50 lb. bag
STOCK #95715
 (See next page
 for label information)

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 1-800-492-8255



Ornamental Herbicide II

Provides preemergence control of weeds in container and field grown ornamentals

ACTIVE INGREDIENTS:

Oxyfluorfen ¹	2.00%
Pendimethalin ¹¹	1.00%
OTHER INGREDIENTS	97.00%
TOTAL	100.0%

¹ CAS # 42874-03-3

¹¹ CAS # 40487-42-1

KEEP OUT OF REACH OF CHILDREN

CAUTION

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: 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 respiration, 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 poison control center or doctor, or going for treatment.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION. Causes eye injury. Do not get in eyes, on skin, or on clothing. Harmful if swallowed. Avoid inhalation.

EPA Reg. No. 538-172

EPA Est. No. 55640-OH-002(W)

EPA Est.No. 39578-TX-1(E)

Product of U.S.A.

NET WEIGHT: 50 LBS.(22.68 kg)

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The Scotts Company
14111 Scottslawn Road
Marysville, OH 43041
1-800-492-8255

PERSONAL PROTECTIVE EQUIPMENT

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Chemical-resistant gloves made of any waterproof material
- 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 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.
- 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 WILDLIFE AND FISH. Do not apply directly to water, to areas where surface water is present, or to intertidal areas where surface water is present. Use with care when applying in areas adjacent to any body of water. Runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Apply this product only as specified on the label. Do not contaminate water by cleaning of equipment or disposal of wastes. In case of spills, either collect for use or dispose of properly.

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, 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

The species listed below have been tested under actual growing conditions and found tolerant at the recommended application rate.

- Abilea**
x grandiflora (Glossy Abelia)
- Acacia**
latifolia longifolia (Bush Acacia)
- Acer**
palmatum 'Atropurpureum' (Red Cutleaf Japanese Maple)
- Achillea**
millefolium 'Cerise Queen' (Yarrow)
- Araucaria**
heterophylla (Norfold Island Pine, Star Pine)
- Azalea Kurume, Glen Dale hybrid, et al.**
'Coral Bells', 'Fashion', 'Hardigzer Beauty', 'Hershey's Red', 'Mother's Day', 'Mrs. G.G. Gerbing', 'Twenty Grand' (Azalea)
- Berberis**
spp. 'Crimson Pygmy' (Barberry)
thunbergii 'Atropurpurea' (Red-Leaf Japanese Barberry)
- Betula**
papyrifera (Paper Birch, Canoe Birch)
- *Brassaia**
actinophylla (Schefflera, Queensland Umbrella Tree)
arboicola (Arboicola, Dwarf Schefflera)
- Buxus**
microphylla 'Green Velvet'
microphylla japonica (Japanese Boxwood)
microphylla koreana (New Large Leaf Asiatic Boxwood)
sempervirens 'Suffruticosa' (True Dwarf Boxwood)
- Callistemon**
citrinus (C. lanceolatus) (Lemon Bottlebrush)
- Camellia**
japonica 'Lady Laura'
sasanqua (Sasanqua Camellia)
- Campanula**
persicifolia 'Blue'
- Catharanthus**
roseus 'Vinca Blue Pearl'
- *Ceanothus**
(Lilac)
- Cercis**
canadensis (Eastern Redbud)
- Chamaecyparis**
lawsoniana 'Ellwoodii' (Ellwood Cypress)
obtusa (Hinoki False Cypress)
pisifera 'Filifera Aurea' (Cypress)

- Chamaedorea**
elegans (Chamaedorea, Parlor Palm)
- Coreopsis**
verticillata 'Moonbeam'
- Cornus**
florida (White Flowering Dogwood)
- Cortaderia**
selloana (Pampas Grass)
- Cotoneaster**
apiculatus (Cranberry Cotoneaster)
dammeri 'Coral Beauty' (Bearberry Cotoneaster)
- *Crataegus**
(Hawthorn)
- Cupressus**
sempervirens (Italian Cypress)
- Cytisus**
scoparius 'Burkwoodii' (Scotch Broom)
- Deutzia**
x 'Magician'
- Dianthus**
spp. 'Baths Pink'
deltoides 'Arctic Fire'
- Escallonia**
spp. 'Fradesii'
langleyensis 'Apple Blossom'
- Euonymus**
fortunei 'Emerald 'N Gold'
fortunei 'Gracilis'
fortunei 'Sarcoxie'
japonica 'Aureo-variegata' (Gold Spot Euonymus)
japonica 'Grandifolia' (Big Leaf Euonymus)
x kiautschovicus 'Manhattan'
- Forsythia**
x intermedia 'Lynwood Gold'
- Fothergillia**
gardenii 'Mt Airy'
- Fragaria**
x 'Pink Panda' (Sand Strawberry)
- Gardenia**
jasminoides 'August Beauty' (Cape-jasmine)
'Radicans'
- Hemerocallis**
spp. 'Happy Returns' (Daylily)
- Hydrangea**
macrophylla 'Nikko Blue' (Bigleaf Hydrangea)
- Hypericum**
patulum 'Hidcote' (St. Johnswort)
- Ilex**
'Blue Girl' (Dwarf Holly)
opaca (American Holly)
cornuta 'Burfordii' (Burford Holly)
cornuta 'Burfordii Nana' (Dwarf Burford Holly)
crenata 'Convexa' (Japanese Holly)
crenata 'Helleri' (Heller's Japanese Holly)
hybrid 'Nellie R. Stevens'
vomitoria 'Nana' (Dwarf Yaupon Holly)
- Juniperus**
chinesensis 'San Jose' (San Jose Juniper)
chinesensis 'Sea Green' (Sea Green Juniper)
conferta (Shore Juniper)
horizontalis 'Plumosa' (Andorra Juniper)
horizontalis 'Wiltonii' (Blue Rug Juniper)
sabina 'Tamariscifolia' (Tam Juniper)
- Ligustrum**
ibolium 'Variegatum' (Ibodium Privet)
japonicum (Japanese Privet)
japonicum 'Rotundifolium' (Japanese Privet)
japonicum 'Texanum' (Wax Leaf Privet, Texas Privet)
senensis (Chinese Silver Privet)
vicaryi (Vicary Golden Privet)
- Lonicera**
fragrantissima (Winter Honeysuckle)

- Loropetalum**
chinensis 'Burgundy'
- Lupinus**
spp. 'RH My Castle' (Lupine)
- Magnolia**
soulangiana (Saucer Mahonia)
- Mahonia**
bealei (Leatherleaf Mahonia)
repens (Creeping Mahonia)
- Monarda**
didyma 'Claire Grace'
- Nandina**
spp. 'Compacta'
- Nerium**
oleander (Oleander)
- Pachysandra**
terminalis (Japanese Spurge)
- Philodendron**
selloum (Split Leaf Philodendron)
- Photinia**
fraseri (Fraser's Photinia)
- Picea**
glauca 'Conica' (Dwarf Alberta Spruce)
- Pieris**
japonica (Lily-of-the-Valley Shrub)
- Pinus**
halepensis (Aleppo Pine)
thunbergiana (Japanese Black Pine)
- Pittosporum**
tobira 'Wheeler's Dwarf' (Tobira, Mock Orange)
- Podocarpus** spp.
- Potentilla**
fruticosa 'Katherine Dykes' (Bush Cinquefoil)
- Prunus**
cistena 'Dwarf Red-Leaf' (Dwarf Red-Leaf Plum)
- Pyracantha**
spp. 'Mohave'
coccinea 'Lalandei Monrovia' (Scarlet Firethorn)
- Quercus**
acutissima (Sawtooth Oak)
shumardii (Shumard Red Oak)
- Raphiolepis**
indica 'Pink Lady' (India Hawthorn)
- Rhododendron**
'Nova Zembla'
- Salvia**
spp. splendens 'Lavender Vista'
'May Knight'
- Santolina**
virens (Green Lavender Cotton)
- Scabiosa**
columbaria 'Butterfly Blue'
columbaria 'Pink Mist'
- Schefflera** (see Brassia)
- Spiraea**
bumalda 'Goldflame'
- Syringa**
meyeri 'Pallbin' (Lilac)
vulgaris (Common Lilac)
- Taxus**
cuspidata 'Intermedia' (Taxus, Yew)
- Thuja**
occidentalis 'Pyramidalis' (American Arborvitae)
occidentalis 'Globosa' (Globe Arborvitae)
- *Trachelospermum**
jasminoides (Star Jasmine)
- Tsuga**
canadensis (Canada Hemlock)
- Viburnum**
davidii (David Viburnum)
- Vinca**
spp. 'Bowles Variety' (Periwinkle)
- Weigela**
florida 'Pink Princess'

- Xylosma**
congestum (spp. senticosum) (Shiny Xylosma)
**Species not yet approved by the state of California.*
- The species listed below have been tested and results do not warrant use at this time.**
- Achillea**
spp. 'Coronation Gold' (Yarrow)
- Ageratum**
spp. 'Hawaii Blue'
- Azalea**
'Hino-crimson'
'Snow'
- Calluna**
spp. 'Forsey' (Heather)
- Celosia**
spp. 'Castle Yellow'
- Chrysanthemum**
spp. 'Legends'
- Clematis**
x 'Duchess of Edinburgh'
- Dianthus**
caryophyllus
- Digitalis**
spp. 'Excelsior'
- Echinacea**
spp. 'Magnus'
pallida
purpurea 'Leuchstern'
- Erica**
mediterranea
- Euonymus**
alata compacta
- Geranium**
spp. 'Pinto Red'
- Hydrangea**
arborescens 'Annabelle'
- Lantana**
spp. 'Patriot Desert Sunset'
- Leucanthemum**
maximum 'White Knight' (Shasta Daisy)
- Lilium**
orientalis 'Mr. Ruud'
- Magnolia**
stellata 'Pinkie'
- Papaver**
orientale 'Pizzicato Mix' (Poppy)
- Penstemon**
spp. 'Thorn'
- Petunia** spp.
- Potentilla**
fruticosa 'Goldfinger'
- Prunus**
glandulosa (Dwarf Flowering Almond)
- Rhododendron**
spp. 'English Roseum'
'Hino-Crimson'
'Snow'
- Rudbeckia**
spp. (Coneflower)
'Goldstrum'
- Sarcococca**
hookeriana humilis
- Scabiosa**
spp. 'Pink Carnival'
- Sedum**
spectabile 'Autumn Joy'
brevifolium (Stonecrop)
- Tagetes**
erecta (Marigold)
- Vinca**
minor (Dwarf Periwinkle)
- Zinnia** spp.

Gives preemergence control of the following weeds:

GRASSY WEEDS

Annual bluegrass	(<i>Poa annua</i>)
Barnyardgrass	(<i>Echinochloa crusgalli</i>)
Crabgrass	(<i>Digitaria sanguinalis</i>)
Sprangletop	(<i>Leptochloa uninervia</i>)

BROADLEAVED WEEDS

Bittercress	(<i>Cardamine pensylvanica</i>)
Common Chickweed	(<i>Stellaria media</i>)
Cudweed	(<i>Gnaphalium obtusifolium</i>)
Dandelion	(<i>Taraxacum officinale</i>)
Eclipta	(<i>Eclipta prostrata</i>)
Fireweed	(<i>Epilobium angustifolium</i>)
Fleabane	(<i>Erigeron strigosus</i>)
Groundsel	(<i>Senecio vulgaris</i>)
Marestail	(<i>Gonyza canadensis</i>)
Oxalis	(<i>Oxalis stricta</i>)
Pearlwort	(<i>Sagina procumbens</i>)
Pepperweed	(<i>Lepidium virginicum</i>)
Pigweed	(<i>Amaranthus retroflexus</i>)
Shepherdspurse	(<i>Capsella bursa-pastoris</i>)
Sowthistle	(<i>Sonchus arvensis</i>)
Spurge, Garden	(<i>Euphorbia hirta</i>)
Spurge, Prostrate	(<i>Euphorbia supina</i>)
Spurge, Spotted	(<i>Euphorbia maculata</i>)

APPLICATION RECOMMENDATION

• Apply to dry foliage only • Water in immediately to wash the particles off the plant foliage • Apply 2.3 lbs. product per 1,000 sq. ft. • Repeat application at 3-month intervals

Before each application, remove any existing weeds. Apply product with a properly calibrated rotary spreader that will assure accurate, even particle distribution. Product can also be applied by aerial equipment.

Apply to **dry foliage** only. To test for moisture, rub hands over plant foliage. Water in with 1/2-1 inch immediately after application to wash the particles off the plant foliage and to activate the herbicide.

For season-long weed control, repeat applications are required at approximately 3-month intervals during the growing season.

CONTAINER GROWN ORNAMENTALS

POTTED LINERS: Remove established weeds from liners prior to transplanting into containers. Following planting and prior to chemical application, irrigate with approximately 1/2 inch water to firm potting media around root systems. After two regular waterings and foliage has dried, broadcast product evenly over the container growing area. Water in with 1/2 to 1 inch immediately after application.

BARE-ROOT LINERS: Remove established weeds before herbicide application. Broadcast product evenly over the container growing area 3-4 weeks after potting. Water in with 1/2 to 1 inch immediately after application.

INDIVIDUAL CONTAINER APPLICATIONS

For situations where broadcast application of the product is not appropriate, apply the product uniformly over the entire container surface at the rates on the following table (1 gm product/sq. ft):

Container Size	Surface Area (Sq. Ft.)	Grams of Product/ Container	Volume of Product Per Container
1 gal. (6" diam.)	0.20	0.20	1/8 tsp.
2 gal. (9" diam.)	0.44	0.44	1/4 tsp.
3 gal. (10" diam.)	0.55	0.55	1/4 tsp. (rounded)
5 gal. (12" diam.)	0.79	0.79	1/4 tsp. (heaping)
15 gal. (17" diam.)	1.60	1.60	1/2 tsp.

FIELD GROWN ORNAMENTALS

Apply immediately after planting or prior to weed seed germination following complete weed removal. Before application the soil should be loosened by light cultivation.

Water the product in with 1/2 to 1 inch immediately after application.

PRECAUTIONS

- Do *not* apply to moist foliage.
- Do *not* apply while plants are producing a new flush of spring growth. Tender, newly forming leaves are especially sensitive and may be injured by the herbicide.
- Do *not* apply when extreme cold stress (35°F or lower) is expected.
- Do not apply product in enclosed greenhouse or polyhouse structures as ornamental injury may result. Product should not be applied within two (2) weeks prior to enclosure in greenhouse type structures or within two (2) weeks prior to shipping.
- Do *not* apply to plant types whose leaves channel the herbicide granules to the leaf base (such as *Yucca spp.* and *Dracaena spp.*)
- Do *not* apply in wind conditions that affect distribution of the product.
- If metallic surfaces (nursery 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.
- *Not* for use on vegetables. Do not use on fruit trees that will bear fruit within one year of application.
- Users who wish to use Ornamental Herbicide II on ornamental species or non-bearing fruit trees *not listed on this label may determine suitability for such uses by making trial application of this product at a recommended rate to a small number of plants.* Prior to using this product on a large number of plants, the trial treatment should be observed for signs of herbicidal injury for 3-6 months to determine if the treatment is safe to the target plant species.
- Non-bearing fruit trees such as citrus (oranges, grapefruit, etc.), pome fruits (apples, pears, etc.) and stone fruits (cherries, peaches, etc.) are plants which will not bear fruit for at least one year following application.
- 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.
- Not recommended for use on bedding plants, liner production beds, flowers, ground covers, vegetables, and turf.
- Do *not* incorporate product into soil or potting media nor apply product directly to bare roots.

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: Do not contaminate water, food, or feed by storage or disposal. Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

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.