

Reg # 538-172

PM-23

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United States Environmental Protection Agency
Washington, D.C. 20460

OCT 22 1993

Office of
Prevention, Pesticides and
Toxic Substances

Vincent Snyder, Jr.
O.M. SCOTT & SONS CO
14111 SCOTSLAWN RD
MARYSVILLE OH 43041

Subject: Label Amendment Submission of 06/21/93
in Compliance with WPS Labeling Requirements
EPA Reg No. 538-172
SCOTTS PROGROW ORNAMENTAL HERBICIDE II

Dear Registrant:

The labeling cited above and submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is accepted subject to the comments listed below.

Based on your certification, the Agency has accepted only those changes to your labeling which are necessary to comply with PR Notices 93-7 and 93-11, which reflect the WPS labeling requirements of 40 CFR part 156, subpart K. Any other labeling changes submitted in connection with this amendment application and not directly related to compliance with PR Notice 93-7 or 93-11 have neither been reviewed nor accepted by the Agency. If you wish to make any such changes, you must submit a separate amendment application proposing them. If your product registration is currently suspended, acceptance of this labeling amendment does not affect the suspension in any way.

A copy of your proposed labeling stamped "Accepted with comments" is attached. Make any required changes described in the attached and send three copies of final labeling as soon as it is available to:

Document Processing Desk (FIN-LABEL)

2911

Office of Pesticide Programs (H-7504C)
U.S. Environmental Protection Agency
401 M Street SW
Washington, DC 20460-0001

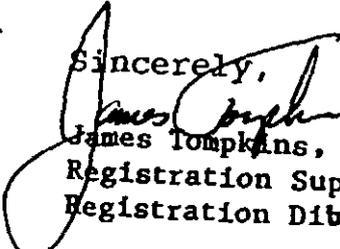
Hand or courier deliveries of final labels may be made to:

Document Processing Desk (FIN-LABEL)
Room 266A Crystal Mall 2
1921 Jefferson Davis Highway
Arlington, VA 22202

Please correct the typographical errors circled on the draft before printing final labeling.

In your final labeling the "Agricultural Use Requirements" text must be contained in a clearly separate box. This box may be set apart by a line, by another graphical device, by a different color background, or in any other way that clearly distinguishes it from surrounding text.

Sincerely,


James Tompkins, Deputy Chief
Registration Support Branch
Registration Division (7505W)

3911

O.M. SCOTT & SONS CO
SCOTTS PROGROW ORNAMENTAL HERBICIDE II
538-172 06/21/93
Original Submission

You omitted the Personal Protective Equipment heading.
User Safety Recommendations must either be placed in a box or printed on the
label in a contrasting color from surrounding text.

FRONT

PROGROW ORNAMENTAL
HERBICIDE II #8918

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ACCEPTED
with COMMENTS
In EPA Letter Dated

OCT 22 1993

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

538-172

01/10/85 MB	11/17/86 JF
07/16/85 JF	04/06/87 SM
10/24/85 JF	04/04/89 CR
02/05/91 CR	02/14/92 JF
03/11/92 CR	06/03/92 VS/cr
	06/14/93 VS/cr

8918

Ornamental
Herbicide II

(Scott's(R))
ProGrow(R)
BRAND

For Commerical Nursery Use Only

Ornamental
Herbicide II

o provides preemergence control of
weeds in container and field grown
ornamentals

Net Weight 50 lbs (22.68 Kg)

LEFT COLUMN

KEEP OUT OF REACH OF CHILDREN
CAUTION
PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals: CAUTION, causes eye injury. Do not
get in eyes, on skin, or on clothing. In case of contact immediately wash
eyes or skin with plenty of water. Get medical attention if irritation
persists. Harmful if swallowed. Avoid inhalation.

Applicators and other handlers must wear: Long-sleeved shirt and long pants,
waterproof gloves, shoes plus socks, protective eyewear, dust/mist filtering
respirator (MSHA/NIOSH), approval number prefix TC-21C).

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.

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User Safety Recommendations:

Users should:

- o Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- o Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- o 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. Use with care when applying in areas adjacent to any body of water. Runoff from treated areas may be hazardous to 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.

ACTIVE INGREDIENTS:

Oxyfluorfen 2-Chloro-1-(3-ethoxy-4-nitrophenoxy)
 -4-(trifluoromethyl) benzene 2.00%
 Pendimethalin N-(1-Ethylpropyl)-3,4-dimethyl
 -2,6-dinitrobenzenamine* 1.00%

INERT INGREDIENTS: 97.00%
 Total 100.00%

EPA Reg. No. 538-172

EPA Est 538-OH-1

Product of USA

*Licensed under one or more of the following U.S. Patents: 3,920,742;
4,066,441.

ProTurf Division, The O M Scott & Sons Company
Marysville, Ohio 43041

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RIGHT GUSSET

8667

(Scotts(R))
ProGrow(R)

Ornamental
Herbicide II

LEFT GUSSET

(Scotts(R))
ProGrow(R)

Ornamental
Herbicide II

8918

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(Scotts(R)
ProGrow(R)
BRAND

Ornamental
Herbicide II

Directions for use

LEFT COLUMN

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 Workers 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, waterproof gloves, shoes plus socks, protective eyewear.

For use on container and field grown ornamentals.

Container/Field Grown (Genera)

Abelia	*Euonymus	Pinus
Acacia	Frstrythia	Pittosporum
Acer	Gardenia	*Potentilla
Araucaria	Hydrangea	Prunus
*Azalea (Rhododendron)	Hypericum	Pyracantha
Berberis	Ilex	Quercus
Betula	Jasminum	Rhaphiolepis
Buxus	Juniperus	*Rhododendron
Callistemon	Ligustrum	Santolina
Camellia	Lonicera	Schefflera
Cercis	Magnolia	Spiraea
Chamaecyparis	Mahonia	Syringa
Chamaedorea	Nerium	Taxus
Cornus	Pachysandra	Thuja
Cortaderia	Philodendron	Viburnum
Cotoneaster	Photinia	Vinca
Cupressus	Picea	Weigela
Cytisus	Pieris	Xylosma
Escallonia		

*Do not apply to cultivars of these genera listed in the "Limitations" section.

Gives preemergence control of the following weeds:

Grassy Weeds

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

Broadleaved Weeds

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

BACK CONTINUED. 9 9 11

APPLICATION RECOMMENDATIONS

- o Apply to dry foliage only
- o Water immediately to wash the particles off the plant foliage
- o Apply 2.3 lbs. product per 1,000 sq. ft.
- o 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 of 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-ROOTED LINERS -- Remove established weeds before herbicide application. Broadcast product evenly over the container growing area 3 to 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.):

<u>CONTAINER SIZE</u>	<u>SURFACE AREA (SQ FT)</u>	<u>GMS OF PRODUCT/ CONTAINER</u>	<u>VOLUME PRODUCT PER CONTAINER</u>
1 gal (6" diam)	.20	.20	1/8 tsp
2 gal (9" diam)	.44	.44	1/4 tsp
3 gal (10" diam)	.55	.55	1/4 tsp (rounded)
5 gal (12" diam)	.79	.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.

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PRECAUTIONS/LIMITATIONS

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.

Do not use on the following plant species or cultivars:

- Erica mediterranea
- Euonymus alata 'Compacta'
- Potentilla fruticosa 'Goldfinger'
- Rhododendron spp. 'Snow'
- Rhododendron spp. 'Hino-Crimson'
- Sarcococca hookerana humilis

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 to 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.

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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: LIMITATION OF LIABILITY

This product has been researched to provide necessary data to support its use on the ornamentals listed on this label. However, it is understood that tests may not have been carried out on all varieties or cultivars and under all growing conditions on all plants listed on the label. The user should always follow the label directions and exercise his judgement and caution when using this product on a given variety until familiar with the results under his 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 THE DIRECTIONS AND ESTABLISHED SAFE PRACTICE. The exclusive remedy of the user or Buyer, and the limit of liability of The O M Scott & Sons Company or any other Seller, 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 O M Scott & Sons Company.

ProTurf Division, The O M Scott & Sons Company
Marysville, Ohio 43041

Ornamental
Herbicide II

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