

Reg # 538-195

PM-25

Review
FILE

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

19 17

Office of
Prevention, Pesticides and
Toxic Substances

OCT 15 1993

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. 538-195
PROTURF WEEDGRASS CONTROL 60 WDG

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)

29 17

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

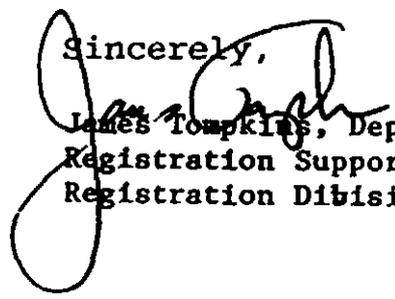
Hand or courier deliveries of final labels may be made to:

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)

39 17

O.M. SCOTT & SONS CO
PROTURF WEEDGRASS CONTROL 60 WDG
538-195 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

MASTER LABEL

49 17
7

PROTURF/PROGROW WEEDGRASS CONTROL 86850S
60 WDG/60WP (BOTTLE LABEL)

08/26/86	JF	09/08/86	JF	09/18/86	JF
10/08/86	JF	12/05/86	JF	03/25/86	JF
03/03/88	JF	03/11/88	SC	03/17/88	SC
				01/30/90	VS
				09/05/90	CR
				03/11/92	RH/cr
				06/03/92	VS/cr
				09/03/92	VS/cr
				06/15/93	VS/cr

(Scotts(R))
ProTurf(R)
BRAND

(Scotts(R))
ProTurf(R)
BRAND

(Scotts(R))
ProTurf(R)
BRAND

Weedgrass
Control
60 WDG

Weedgrass Control
60 WDG

Weedgrass
Control
60 WDG

- o Turf (Turf) or (Ornamental) herbicide in convenient, easy to use water soluble packets (for use with Weedgrass Control 60 WP)
- o Preemergent control of crabgrass, goosegrass, other grassy weeds and sprouting broadleaf weeds

ACCEPTED
with COMMENTS
In EPA Letter Dated

Net Weight 10 lbs (4.56 kg)

KEEP OUT OF REACH OF CHILDREN
CAUTION
PRECAUTIONARY STATEMENTS

06/15/1993
Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.
538-195

Hazards to Humans and Domestic Animals: CAUTION. May cause eye and skin irritation. Avoid contact with eyes, skin or clothing. FIRST AID: In case of contact, immediately flush eyes or skin with plenty of water. Get medical attention if irritation persists. May be harmful if swallowed. Avoid inhalation. Do not contaminate feed or foodstuffs. Do not graze treated areas. Do not feed clippings to livestock.

Applicators and other handlers must wear: Long-sleeved shirt and long pants, waterproof gloves, 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.

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.

59 17

Environmental Hazards: This pesticide is toxic to fish. Do not apply directly to water. Drift and runoff from treated areas may be hazardous to fish in neighboring areas. Do not contaminate water when disposing of equipment washwaters. Apply this product only as specified on the label. Do not apply when weather conditions favor drift from target areas.

ACTIVE INGREDIENT:

Pendimethalin, N-(1-Ethylpropyl)-3,4-dimethyl-
2,6-dinitrobenzenamine*

60%

INERT INGREDIENTS:

40%

Total

100%

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

EPA Reg. No. 538-195

EPA Est 11773-IA-1

Product of USA

Recommended For Use By Professional Turfgrass Managers
OR
Recommended for Use By Professional Nursery Managers

Sold By: ProTurf Division/ProGrow Division /Professional Business Group
The O M Scott & Sons Company
Marysville, Ohio 43041

(c) 1993. The O M Scott & Sons Company. All rights reserved.

86850S

86850S

Preemergent
control of
crabgrass,
goosegrass, other
grassy weeds
and broadleaf
weeds.

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

This product has been researched to provide necessary data to support its use on turf and ornamentals as described on the label. However, it is understood that tests may not have been carried out on all varieties and under all growing conditions on all plants listed on the label. Scotts cannot and does not warrant that the product is compatible with any other chemicals, or that user's mechanical equipment is appropriate to maintain the product is suspension. User should conduct its own compatibility testing and should test its mixes and equipment thoroughly before using the product on customers' property. The user should always follow the label directions and exercise his judgement and caution when using the 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.

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

BACK:

7917

(Scotts(R))
ProTurf(R)
BRAND

(Scotts(R))
ProGrow(R)
BRAND

Weedgrass
Control
60 WDG & 60 WP

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 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 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, waterproof gloves, shoes plus socks.

This product provides preemergent control of selected sprouting grassy and broadleaf weeds.

Do not apply this product through any type of irrigation system.

General Usage Instructions

Fill the spray tank with water to the desired level. While agitating add the required number of water soluble packets to the filled spray tank. Continue agitating the mixture during application. Use a minimum of 1 gallon of water for every 1,000 sq. ft. of coverage. For best results, use 2-5 gallons of water per 1,000 sq. ft. Use strainer screens of 30 mesh or coarser. When the tank mixture is allowed to stand, vigorous agitation should be provided to resuspend the materials before spraying.

Do not combine ProTurf/ProGrow Weedgrass Control 60 WP in the spray tank with surfactants or other adjuvants.

It is not necessary to premix this product with water prior to adding it to the spray tank.

For best results, apply to dry foliage and water after application to move the product off the foliage to the soil surface.

Do not mow the treated area until the product has been watered in.

Turf Precautions

Not for use on bentgrass and Poa annua tees and greens, or on dichondra.

Do not apply more than a cumulative total of 10 lbs. product/acre (6.0 lbs. active ingredient/acre) per year on warm season grasses and 6.8 lbs. product/acre (4.1 lb. active ingredient/acre) on cool season grasses.

Applications should not exceed twice yearly, unless low repeat rates are used.

Do not mow treated area until the product has been watered in.

This product may cause yellowing and thinning of cool season grasses in winter overseeded turf.

Delay seeding by 4 months and sprigging by 5 months after application. Prior to seeding or sprigging, the soil surface should be disturbed or worked to dilute any remaining chemical residue.

On newly planted areas, wait until the grass has been mowed at least 4 times and has filled in before applying product.

On turf that has been severely thinned due to winter damage, excessive soil moisture, low temperature -- below 40°F, scalping, insects, diseases, etc., wait until the turf has filled in and rooting of stolons is complete before applying.

General Precautions

This product may stain. If contact with the spray mixture occurs to objects (sidewalks, driveways, etc.), 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, Bentgrass and Poa annua

Not for use on bentgrass or Poa annua tees and greens.

On bermudagrass greens 2.5 to 3.4 lbs/acre is recommended initially depending on the target weed with a repeat application of 2.5 lbs/acre at 6-8 weeks.

Do not apply to dormant bermudagrass, bentgrass and Poa annua (turf that is not actively growing or has experienced frost). However, for dormant bermudagrass an application can be made if it is maintained at a high cut (1/2 inch or more) on medium-fine textured soils such as clays and clay-loams.

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

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

Do not apply to bentgrass or Poa annua after late summer.

Turf Application Rates

For goosegrass, crabgrass, foxtail, barnyardgrass, fall panicum, cudweed, hop clover, henbit, eveningprimrose, oxalis, purslane, knotweed, and prostrate spurge, apply in the spring before they sprout.

Turfgrass Species	Weeds	Rates of Weedgrass Control 60 WDG	Comments
Cool Season Grasses Kentucky bluegrass Perennial ryegrass Fine fescue Tall fescue	crabgrass foxtail <u>Poa annua</u> barnyardgrass fall panicum oxalis prostrate spurge purslane knotweed chickweed	1.7-3.4 lbs./acre as the initial application prior to weed germination.	Apply a repeat application of 1.7-2.5 lbs./acre after 6-8 weeks for extended control or where heavy weed infestations are expected.
	goosegrass	2.5 lbs./acre in the spring prior to weed germination. Apply a repeat application after 6-8 weeks at 2.5 lbs./acre	
Bentgrass and established <u>Poa annua</u> *	crabgrass foxtail <u>Poa annua</u> barnyardgrass fall panicum oxalis prostrate spurge purslane knotweed chickweed	1.7-2.5 lbs./acre in the spring prior to weed germination.	Apply a repeat application of 1.7-2.5 lbs./acre after 6-8 weeks where heavy infestations are expected.
	goosegrass	2.5 lbs./acre in the spring prior to weed germination. Apply a repeat application of 2.5 lbs/acre after 6-8 weeks.	

*not for use on greens or tees

Warm Season Grasses Bermudagrass St. Augustinegrass Bahiagrass Zoysiagrass Centipedegrass Tall fescue	crabgrass foxtail <u>Poa annua</u> barnyardgrass fall panicum oxalis prostrate spurge purslane knotweed chickweed	2.5-5.0 lbs./acre prior to weed germination.	Apply a repeat application of 1.7-2.5 lbs./acre after 6-8 weeks if necessary.
---	---	--	---

goosegrass	2.5-5.0 lbs./acre prior to weed germination.	Apply a repeat application of 2.5-3.4 lbs./acre to extend control of goosegrass or if the lower rate was used initially.
------------	--	--

cudweed hop clover evening- primrose henbit	5.0 lbs./acre prior to weed germination.
---	--

Bermudagrass greens	crabgrass foxtail <u>Poa annua</u> barnyardgrass fall panicum oxalis prostrate spurge purslane knotweed chickweed	2.5 lbs./acre prior to weed germination.	Apply a repeat application of 2.5 lbs./acre after 6-8 weeks if necessary.
---------------------	---	--	---

goosegrass cudweed hop clover evening- primrose henbit	2.5-3.4 lbs./acre prior to weed germination. Apply a repeat application of 2.5 lbs./acre after 6-8 weeks.
---	---

ORNAMENTALS

For use on the following ground cover and landscape ornamental plantings (container and field grown ornamentals):

Abelia	Handina	Pelargonium
Abies	Hedera	Picla
Acer	Helip	Pieris
Ajuga	Hemerocallis	Pinus
Arctotheca	Hosta	Pittosporium
Berberis	Hypericum	Potentilla
Betula	Ilex	Prunis
Buxus	Juniperus	Quercus
Cornus	Kalmia	Rhododendron
Cotoneaster	Lugustrum	Spiraea
Euonymus	Myoporum	Syringa
Forsythia	Myrica	Taxus
Fraxinus	Osteospermum	Thuja
Garania	Oxydendron	Tsuga
Gardenia	Pachysandra	Vinca
Gladiolus	Photina	

ORNAMENTAL PRECAUTIONS

Do not apply to moist foliage.

Do not apply directly to bare roots of woody ornamentals. The possibility of injury exists if the product is applied to bare roots.

Do not incorporate product into soil or potting media due to possible dilution of the active ingredient and possible injury to plant roots.

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 Weedgrass Control 60 WDG/60 WP 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.

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.

Allow at least a 4-5 month span between applications.

<u>Weeds</u>	<u>Rates of Weedgrass Control 60 WP</u>	<u>Comments</u>
goosegrass crabgrass foxtail barnyardgrass fall panicum <u>Poa annua</u> prostrate spurge purslane knotweed chickweed pearlwort oxalis	3.4 to 5.0 lbs/acre prior to weed germination for 4 to 5 month control.	Apply a repeat application of 3.4 lbs/acre after 3 to 5 months to extend control or for weeds that germinate in the fall.
cudweed hop clover eveningprimrose henbit	5.0 lbs/acre prior to weed germination.	

ORNAMENTAL SPRAY COVERAGE CHART^{1/}

<u>RATES DESIRED</u> <u>(lbs. product/acre)</u>	<u>1 Dissolvable Bag</u> <u>of 60 WP will cover</u> <u>(sq. ft.)</u>	<u>2 Dissolvable Bags</u> <u>of 60 WP will cover</u> <u>(sq. ft.)</u>
3.4 lbs 60 WP/acre* (= 2.0 lbs. active ingredient/acre)	16,014	32,029
4.3 lbs 60 WP/acre (= 2.5 lbs. active ingredient/acre)	13,452	26,904
5.0 lbs 60 WP/acre (= 3.0 lb. active ingredient/acre)	10,890	21,780

* At the 3.4 lbs. product/acre rate (= 2.0 lbs. ai/A) a 10 lb. container treats 3.1 acre.

^{1/} Product should be mixed with a minimum of 1 gallon of water for every 1,000 sq. ft. coverage. Use 2-5 gallons of water per 1,000 sq. ft. for best results.

(The following chart and paragraphs to be used for Weedgrass Control 60 WDG)

SPRAY COVERAGE CHART 1/

RATE (lbs. product/acre)	1 pound 60 WDG will cover	2 pounds 60 WDG will cover	4 pounds 60 WDG will cover	8 pounds 60 WDG will cover	10 pounds 60 WDG will cover
1.7 lbs 60 WDG/acre	25,623 sq ft	51,247 sq ft	102,494 sq ft	204,988 sq ft	256,235 sq ft
2.5 lbs 60 WDG/acre*	17,424 sq ft	34,848 sq ft	69,696 sq ft	139,392 sq ft	174,240 sq ft
3.4 lbs 60 WDG/acre	13,200 sq ft	26,411 sq ft	52,800 sq ft	105,600 sq ft	133,000 sq ft
5.0 lbs 60 WDG/acre	8,712 sq ft	17,424 sq ft	34,848 sq ft	69,696 sq ft	87,120 sq ft

* At the 2.5 lb. product/acre rate (=1.5 lb. ai/A) a 10 lb. container treats 4 acres.

1/ Product should be mixed with a minimum of 1 gallon of water for every 1,000 sq. ft. coverage. Use 2-5 gallons of water per 1,000 sq. ft. for best results.

Slowly add the required amount of product to a partially-filled spray tank while agitating. Fill the remainder of the tank with water to the desired level. Do not combine ProTurf Weedgrass Control 60 WDG in the spray tank with surfactants or other adjuvants. Continue agitating the mixture during application. Use a minimum of 1 gallon of water for every 1,000 sq. ft. of coverage. For best results, use 2-5 gallons of water per 1,000 sq. ft. Use strainer screens of 30 mesh or coarser. When the tank mixture is allowed to stand, vigorous agitation should be provided to resuspend the materials before spraying.

Storage and disposal

(For HDG)

STORAGE: Do not store above 120°F. Store in a clean, dry place. Reseal opened container securely.

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: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

Storage and disposal

(For WP)

STORAGE: Do not store above 120°F. Store in a clean, dry place. Reseal opened foil package by folding top down and securing. Place in box before storing.

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 foil packages of contents into application equipment. Then dispose of empty packages in a sanitary landfill, or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

Sold by:
ProTurf Division/ProGrow Division/Professional Business Group
The O M Scott & Sons Company
Marysville, Ohio 43041

(The following chart and paragraphs to be used for Weedgrass Control 60 WP)

SPRAY COVERAGE CHART^{1/}

<u>RATE</u> <u>(lbs. product/acre)</u>	<u>1 water soluble</u> <u>packet of</u> <u>60 WP</u> <u>will cover</u>	<u>2 water soluble</u> <u>packets of</u> <u>60 WP</u> <u>will cover</u>
1.7 lbs 60 WP/acre (1.0 lb. active ingredient/acre)	32,028 sq ft	64,056 sq ft
2.5 lbs 60 WP/acre* (1.5 lb. active ingredient/acre)	21,780 sq ft	43,560 sq ft
3.4 lbs 60 WP/acre* (2.0 lb. active ingredient/acre)	16,500 sq ft	33,000 sq ft
5.0 lbs 60 WP/acre (3.0 lb. active ingredient/acre)	10,890 sq ft	21,780 sq ft

* 2 water soluble packets (2.5 lb.) of product will treat 1 acre at the 2.5 lb. product/acre rate.

^{1/} Product should be mixed with a minimum of 1 gallon of water for every 1,000 sq. ft. coverage. Use 2-5 gallons of water per 1,000 sq. ft. for best results.

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

This product has been researched to provide necessary data to support its use on turf and ornamentals as described on the label. However, it is understood that tests may not have been carried out on all varieties and under all growing conditions on all plants listed on the label. Scotts cannot and does not warrant that the product is compatible with any other chemicals, or that user's mechanical equipment is appropriate to maintain the product in suspension. User should conduct its own compatibility testing and should test its mixes and equipment thoroughly before using the product on customers' property. The user should always follow the label directions and exercise his judgement and caution when using the 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.

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