

US EPA ARCHIVE DOCUMENT

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

2,4-D/TOX

tox
51

DATE: May 26, 1981

SUBJECT: Turf Builder Plus 2 for Grass
EPA Registration No. 538-71

Releasable

559
315

FROM: Sherell A. Sterling
FHB/TSS

SAS
5-29-81
E 6/4/81

TO: Richard Mountfort
Product Manager (23)

Registrant: O. M. Scott & Sons
Marysville, OH 43041
Michael P. Kelty

Active Ingredients:

2,4-D.....	0.68%
MCPA ^P	0.68%
Inert Ingredients.....	98.64%

Background: The registrant is requesting that the signal word be revised from WARNING to CAUTION in accordance with the new eye categorization policy (C & P 2161.2). No new data were submitted to support this revision. Previously submitted data were used in reviewing this request (see Graham, March 3, 1981). "Alternate" was chosen as the method of support.

Recommendations:

1. Based on the previous review (Graham, March 3, 1981), FHB/TSS has no objection to the proposed change in signal word from WARNING to CAUTION.
2. Please make additional labeling revisions as described below.

Labeling Recommendations:

1. Include the statement "Do not apply directly to water" under the "Environmental Hazards" section.
2. Please revise the "Storage and Disposal" section of the labeling in accordance with the enclosed "Storage and Disposal" information sheets.
3. FHB/TSS suggests that the statement "Do not contaminate feed or foodstuffs" be moved from the "Hazards to Humans and Domestic Animals" section to the general restrictions area of the "Directions for Use" section.

weed control plus lawn fertilizer
 (Scotts (R)) TURF BUILDER plus 2 (R) BRAND FOR GRASS

CONT:

Treats 2,000 sq ft (186 m²)

Formulated for
Western and
Southern
Lawns

(Scotts (R))
 Turf Builder
 plus 2 (R)
 BRAND

FOR GRASS

weed control plus lawn fertilizer
 for use on bluegrass,
 fescue, ryegrass, bermuda, centipede
 or zoysia lawns.

Clears out weeds
 (see list on other side)

Gives complete feeding
 of Scotts long-lasting
 fertilizer for developing
 beautiful, green lawns.

DO NOT USE ON
 ST. AUGUSTINE, CARPETGRASS, CREEPING BENTGRASS,
 DICHONDRA, OR LIPPIA

NET WEIGHT 10 LBS (4.53 kg) 25-3-3

KEEP OUT OF REACH OF CHILDREN

CAUTION

PRECAUTIONARY STATEMENTS

Hazard to Humans and Domestic Animals: Causes eye irritation. 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. Do not contaminate feed or foodstuffs.

Environmental Hazards: Do not contaminate water used for irrigational or domestic purposes. Avoid application on shrubs, flowers, fruit or vegetable plants.

Storage and Disposal: Do not reuse empty container. Wrap container and put in trash container.

ACTIVE INGREDIENTS:

2,4-Dichlorophenoxyacetic acid68%
2-(2-Methyl-4-chlorophenoxy) propionic acid68%
INERT INGREDIENTS:	98.64%
Total	100.00%

FRONT CONTINUED:

EPA Reg No 538-71 EPA Est. 538-OH-1
Turf Builder plus 2 for Grass 25-3-3

Guaranteed Analysis

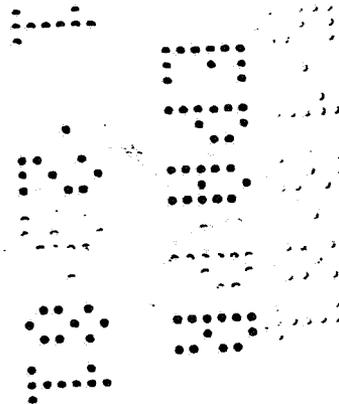
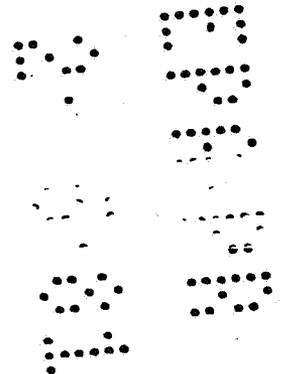
Total nitrogen (N)	25%
0.7% ammoniacal nitrogen	
16.2% water soluble nitrogen	
8.1% water insoluble nitrogen	
Available phosphoric acid (P_2O_5)	3%
Soluble potash (K_2O)	3%
Derived from: monōammonium phosphate, urea, methylene ureas, potassium sulfate.	

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Product of USA

XXXX	(Scotts (R))	TURF BUILDER	weed control
		plus 2	plus lawn
		(R)	fertilizer
		(BRAND)	
		FOR GRASS	

W/S (NI)



GUSSETS:

(Scotts (R))
TURF BUILDER
plus 2
(R)
BRAND

weed
control
plus lawn
fertilizer

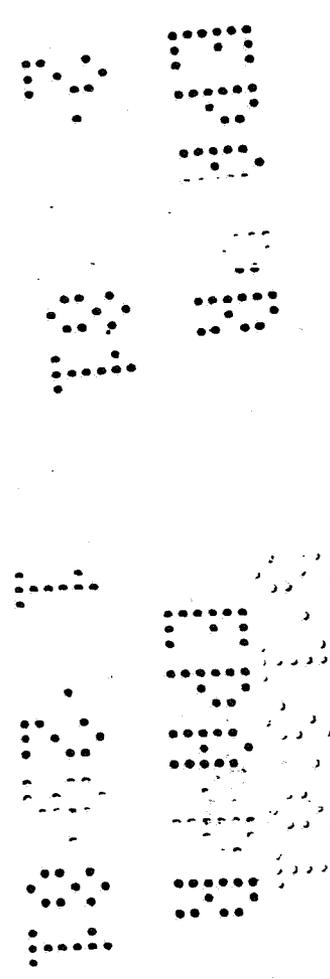
XXXX

weed
control
plus lawn
fertilizer

(Scotts (R))
TURF BUILDER
plus 2
(R)
BRAND

(Scotts (R))

XXXX



FOR GRASS (R) plus 2 FOR TURF BUILDER (R) (Scotts (R))
 Treats 2,000 sq ft (186 m²)

XXXX TB+2 W/S 2M
 EASY
 OPEN BAG
 FULL
 WHITE
 STRING

TURF BUILDER

(Scotts (R)) plus 2 FOR GRASS (R) BRAND

XXXX

weed control plus lawn fertilizer
 for use on bluegrass, fescue, ryegrass,
 bermuda, centipede or zoysia lawns.

Turf Builder plus 2 is a weed control plus fertilizer for use only on lawns. To fertilize vegetables, flowers, shrubs and trees, look for these specially formulated products from Scotts.

- Grow Vegetables
- Grow Flowers
- Grow Shrubs, Trees, Evergreens
- Grow Azaleas, Camellias, Rhododendrons
- Grow Transplants

WEEDS CONTROLLED

ster	centella	eveningprimrose	lambsquarters	plantain	shepherdspurse
ittercross	chickweed	filaree	mallow	prickly	smartweed
	chicory	fleabane	moneywort	lettuce	sowthistle
lack medic	cinquefoil	ground ivy	morningglory	purslane	stitchwort
ristly oxtongue	clover (white)	healall	mustard	ragweed	thymeleaf
uckhorn	cudweed	henbit	pennywort	scarlet	sandwort
ullthistle	curly dock	horseweed	pepperweed	pimpernel	vetch
urclover	dandelion	knotweed	pigweed	shadflower	yellow
uttonweed	dichondra	(seedling)			rocket
carpetweed	English daisy				

Directions for Use

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

- DO use when weeds are up and growing actively. On centipede lawns only, wait until after the second mowing of the year but not before mid-March. In the fall do not treat centipede after the first of October.
- DO apply only when lawn is wet from dew, rain or thorough watering (very important so that the Turf Builder Plus 2 particles will stick to the weed leaves instead of falling to the soil).
- DO withhold watering lawn for at least 24 hours after application (to avoid washing particles off the weed leaves).
- DO apply on a calm day.
- DO apply at Scotts Spreader (Standard, Automatic or Precision Flow control Model) setting 6½ (treats 2,000 sq ft).
- DO slightly overlap spreader's wheel tracks
- DON'T use when rain is expected within 24 hours.
- DON'T use when daytime temperatures are consistently 90° F or above.
- DON'T use when grass is so tall it touches bottom of spreader (mow lawn first in such situations).
- DON'T use on a newly seeded, sodded or sprigged lawn until the new grass has been mowed at least four times. If seeding in late spring, delay weed control application until early fall. If seeding in the late fall, delay weed control application until spring.
- DON'T plant right after using Turf Builder Plus 2. Wait at least one month.
- DON'T use on St Augustine, carpetgrass, bahia, lippia, dichondra, creeping bentgrass; nor on flowers, shrubs, fruit, vegetable plants.
- DON'T apply with a rotary-type spreader.

What to expect

This product does not work overnight. It is designed to provide slow, steady controlled action. Stems and leaves of weeds may begin to twist and curl in a few days, but a month or more may be required for complete control, especially when weather is dry or cool.

It is not necessary to rake out dead weeds. They will eventually disintegrate and disappear.

Only weeds growing at time of application will be eliminated. This product does not prevent weed seeds from producing new plants, whether such seeds are on the surface or buried in the soil. Nor does it control existing oxalis or crabgrass.

If particles become washed off weed foliage within 24 hours after application, control may be less effective. If there is no indication that it is working after 3 or 4 weeks of good growing weather another treatment may be needed.

A few weeds may be resistant to control. If this happens, please forward specimens so we can identify them and advise you further.

After weed control is achieved, you are urged to follow through on the basic needs of every lawn—fertilizer, water and regular mowing.

Free bulletin service

As a Scotts user, you are entitled to a free subscription to Lawn Care, which has been helping lawnowners for over 50 years.

NAME (please print) _____

ADDRESS _____

CITY _____

STATE _____ ZIP _____

Unless you already receive Lawn Care, send us this coupon and we'll mail you the seasonal issues prepared especially for your region.

out and mail to SCOTTS, the lawn people, Marysville, OH 43041

XXXX

Scotts Policy
No-Quibble Guarantee

If for any reason you are not satisfied with results after using this product, you are entitled to get your money back. Simply send us evidence of purchase and we will mail you a refund check promptly.

SCOTTS...the lawn people
MARYSVILLE, OHIO 43041

XXXX (Scotts (R)) TURF BUILDER
plus 2 (R)
BRAND

weed control plus lawn fertilizer

