

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

JUN 19 1991

Judith K. Bycroft  
Vigoro Industries, Inc.  
P.O. Box 4139  
Fairview Heights, IL 62208

Dear Ms. Bycroft:

Subject: Alternate Labeling Incorporating Lawn Maintenance  
Suburban 18 Weed & Feed  
EPA Registration No. 557-1954  
Your Submission Dated June 3, 1991

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable with the following provision:

- 1) Due to new EPA policy, part of the Environmental Hazards section has been changed. To comply, change the sentence "Do not apply to water or wetlands (swamps, bogs, marshes, and potholes)" to read "Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark."
- 2) Please note that the materials derived from and the Potential Acidity under the Guaranteed Analysis have deviated from the previously accepted label. If this is a typographical error, it should be corrected. Please refer to the label accepted on September 24, 1982.

A stamped copy is enclosed for your records. Please submit five (5) final printed copies for the referenced label, incorporating the above changes.

Sincerely yours,

Joanne I. Miller  
Product Manager (23)  
Fungicide-Herbicide Branch  
Registration Division (H7505C)

Enclosure

CONCURRENCES

SYMBOL	H7505C						
SURNAME	D. KENNY						
DATE	6/19/91						

FRONT PANEL

ACCEPTED  
with COMMENTS  
EPA Letter Dated:

JUN 19 1991

SUBURBAN® 18 WEED & FEED

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

25 - 3 - 3

557-1954

A well-maintained lawn  
benefits our environment!

- Effectively kills dandelions and broadleaf weeds - roots and all!

NITROGEN:

- Slow release for growing a thick, green lawn.

PHOSPHORUS:

- Improves root growth and plant food storage capabilities.

POTASSIUM:

- Vital for growth.
- Improves plant hardiness and drought resistance.

- Apply when weeds are young and actively growing.
- Provides vital nutrients plus time-released Nitrogen which encourages grass to fill in bare spots weeds leave behind.
- Contains sulfur which helps maintain dark green color and encourages plant and root growth.

KEEP OUT OF REACH OF CHILDREN  
CAUTION

In case of contact, wash skin with plenty of soap and water; for eyes, flush with water for 15 minutes and get medical attention. See back panel for additional precautionary statements.

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ACTIVE INGREDIENTS:

+*Dimethylamine Salt of 2,4-dichlorophenoxyacetic acid . . . . .	0.58%
**Dimethylamine Salt of 2-(2-methyl-4-chlorophenoxy) propionic acid . . . . .	0.28%
***Dimethylamine Salt of dicamba (3,6-dichloro-o-anisic acid) . . . . .	0.07%
INERT INGREDIENTS: . . . . .	99.07%
TOTAL . . . . .	100.00%

THIS PRODUCT CONTAINS:

- +\*0.48% dichlorophenoxyacetic acid equivalent.
- \*\*0.23% 2-(2-methyl-4-chlorophenoxy) propionic acid equivalent.
- \*\*\*0.06% 3,6-dichloro-o-anisic acid equivalent.

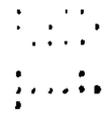
+Isomer Specific by AOAC Method 6.D01.5

U.S. Patent No. 3,284,186

EPA Reg. No. 557-1954

EPA Est. No.

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NET WT. 18 LBS. (8.2 kg)  
TREATS 5,000 SQ. FT.



4 9 9

REAR PANEL

NET WT 18 LBS. (8.2 kg)

Rids your lawn of undesirable weeds and feeds it to help it grow thick and green!

SUBURBAN® 18  
WEED & FEED  
25-3-3  
TREATS 5,000 SQ.FT.

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Our Environment: Besides increasing property values, did you know a well-maintained lawn provides the following benefits to your home and environment...

- A 50' x 50' lawn produces enough oxygen for a family of four every day!
- Controls Erosion
- Reduces Glare
- Traps Dust, Smoke Particles and other Pollutants
- Purifies Water
- Reduces Noise
- Improves Soil Condition
- Modifies Temperature

Grass Clippings and yard waste are approximately 20% of the volume in our nation's landfills. To do your part to reduce this amount, leave grass clippings on your lawn. Increased mowing height and frequency will produce smaller grass clippings that will decompose more readily so nutrients will go back into your lawn.

GRASSCYCLING  
Today's Turf - Tomorrow's Earth  
Professional Lawn Care Association of America

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REAR PANEL cont.

NUTRIENTS:

GUARANTEED ANALYSIS

TOTAL NITROGEN (N) . . . . .	25.0%
1.0% Ammoniacal Nitrogen	
*24.0% Urea Nitrogen	
AVAILABLE PHOSPHORIC ACID (P <sub>2</sub> O <sub>5</sub> ) . . . . .	3.0%
SOLUBLE POTASH (K <sub>2</sub> O) . . . . .	3.0%
Derived from ammoniated phosphates, urea, sulfur coated urea and muriate of potash. Potential Acidity 600 lbs. Calcium Carbonate Equivalent per ton.	

\*Includes 5.0% Coated Slow Release Nitrogen from sulfur coated urea.

at to Expect - This product kills weeds by contact and by sorption.

For use on all lawns except for desirable clovers, bentgrass, St. Augustine, Dichondra, carpetgrass and centipede grass.

WEEDS CONTROLLED

This product controls the following weeds:

- |             |               |                  |
|-------------|---------------|------------------|
| Bedstraw    | Lambsquarter  | Shepherd's Purse |
| Black Medic | Lespedeza     | Speedwell        |
| Buckhorn    | Mallow        | Spurge           |
| Burdock     | Morning Glory | Thistle          |
| Chicory     | Oxalis        | Wild Carrot      |
| }ckweed     | Peppergrass   | Wild Garlic      |
| }over       | Pigweed       | Wild Lettuce     |
| }andelion   | Plantains     | Wild Onion       |
| Dock        | Poison Ivy    | Yarrow           |
| Ground Ivy  | Poison Oak    | and many other   |
| Heal-All    | Purslane      | Broadleaf weeds  |
| Henbit      | Ragweed       |                  |
| Knotweed    | Sheep Sorrel  |                  |

REAR PANEL Cont.

WHEN & HOW  
TO APPLY:

Directions for Use: It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

WHEN TO APPLY

One or two days after mowing lawn.  
Lawns should be watered one day before application.  
During warm weather (70°) and when weeds are actively growing.  
Apply when air is calm.

DO NOT APPLY

If rain is expected within 24 hours after application.  
If lawn is under stress from heat, moisture or drought.

HOW MUCH

3.6 lbs. per 1,000 sq. ft.

RESEEDING

3 weeks after treatment.

NEW LAWNS

Apply after the third mowing.

This product may be used on established bluegrass, fescue, rye, Bermuda and zoysia lawns. If adverse low moisture conditions exist, weeds are in a poor state of growth, or area is heavily overrun with weeds, retreatment may be necessary. Make a second application in approximately 30 days.

**PRECAUTIONS:-** Do not apply to newly seeded lawns. Do not apply to bentgrass, carpetgrass, centipedegrass, St. Augustine grass or dichondra. Do not use where desirable clovers are present or allow the product to "wind drift" on flowers, vegetables or ornamental shrubbery. Do not apply to areas underlaid by roots of desirable trees and shrubs. Do not apply during excessively hot weather (90° and above).

<p><b>STORAGE:</b> Store in original container in safe, dry place. Do not contaminate other pesticides, fertilizer, seeds, food or feed. Return spillage to original container prior to disposal.</p>	<p><b>PRODUCT DISPOSAL:</b> Securely wrap original container in several layers of newspaper and discard in trash. <b>CONTAINER DISPOSAL:</b> Do not re-use bag. Discard bag in trash.</p>
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REAR PANEL Cont.

PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

Avoid contact with skin, eyes or clothing. Avoid breathing dust. Keep out of reach of children. Wash thoroughly after handling. Harmful if swallowed. Do not re-enter or permit others to re-enter treated areas until dusts have settled.

Protective Clothing: Applicators must wear long pants, long-sleeved shirts, shoes and gloves.

ENVIRONMENTAL HAZARDS

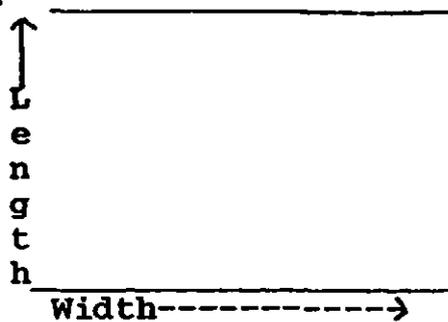
This product is toxic to aquatic invertebrates. Drift or run-off may adversely affect aquatic invertebrates and non-target plants. Do not apply directly to water or wetlands (swamps, bogs, marshes and potholes). Do not contaminate any body of water by cleaning of equipment or disposal of wastes. Do not contaminate water when disposing of equipment washwaters. Do not apply when weather conditions favor drift from target area. Do not contaminate irrigational ditches or water used for domestic purposes.

WARRANTY

If not used as directed, seller makes no warranty, express or implied, concerning the use of this product. User then assumes all risk of loss or damage arising from use, handling and the effects thereof.

REAR PANEL Cont.

Coverage:



To determine how much you need, multiply the length of your lawn by its width. This equals your total square footage. Deduct any non-lawn areas (house, garden, etc.) One bag covers 5,000 sq. ft.

$$\begin{array}{r}
 \text{_____ Length} \\
 \times \text{_____ Width} \\
 = \text{_____ Total Sq. Ft.} \\
 - \text{_____ Non-Lawn Areas} \\
 = \text{_____ Total Sq. Ft. Cov.} \\
 \text{you need}
 \end{array}$$

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REAR PANEL Cont.

Spreading Suggestions: Spreader settings are approximate. Differences may occur due to condition of spreader, speed at which applied and roughness of area treated. Be sure to check spreader at the beginning of the application; adjust spreader if necessary. DO NOT HAND SPREAD. Caution: Close spreader openings when loading, turning or when stopped.

BROADCAST-SPREADERS

For best results, apply in a circular path starting on the outside and working toward the center. A little overlap of product will insure complete coverage.

Broadcast Spreader Settings

Central Broadcast 600B	4	-	4 1/2
Cyclone B1-84	5	-	5 1/4
Ortho Broadcast 6000	2 1/2	-	3
Precision Broadcast SB50	4 1/4	-	4 3/4
Scotts Broadcast 021M	K-L		
Sears Broadcast 671.19261	4 1/4	-	4 3/4

DROP SPREADERS

First, apply 2 border strips along the edge of each end of the lawn. Then apply product along the length of the lawn, overlapping slightly and shutting off the spreader before turning as you reach the edge of the border strips.

Drop Spreader Settings

Central Drop 550	10	-	10 1/2
Greenview Drop 105	10	-	10 1/2
Ortho Drop 5000	9	-	9 1/2
Precision Drop FH22	10	-	10 1/2
Scotts Drop PF2	8	-	8 1/2
Sears Drop 671.19151	10	-	10 1/2