

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

28 SEP 1993

Darryl E. Brock
Monsanto Company
Suite 1100
700 14th Street, N.W.
Washington, D.C. 20005

Dear Mr. Brock:

Subject: New Product Name
Greensweep Weed & Feed 20-0-0
EPA Registration No. 524-470
Your Submission Dated July 28, 1993

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) Revise the equivalencies present in the ingredient substatement to specify "0.18" pounds per gallon.
- 2) We acknowledge the official name of this product to be "Greensweep Weed & Feed 20-0-0." Please use this name in all future correspondences with the Agency regarding this product.

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

Sincerely yours,

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

Enclosure

CONCURRENCES

SYMBOL	H7505C						
SURNAME	D. KENNY						
DATE	9/27/93						

GREENSWEEP®
by Monsanto
WEED & FEED
FOR SENSITIVE TURFGRASSES
SPRAY-ON LIQUID 15-0-0

AFTER

LIQUID LAWN CARE

READY-TO-USE

FOR USE WITH A HOSE-END SPRAYER ON GRASS AND ORNAMENTAL TURF (TURF GRASS LAWNS)

NO MIXING

TREATS (COVERS) 4,250 TO 10,000 SQ. FT. IN A MATTER OF MINUTES

Read directions for different grasses.

Gives your lawn a quick boost of important nutrients while controlling broadleaf weeds. Attach to a garden hose-end sprayer, turn on water, and spray.
A Quick and Easy Way to a Quality Lawn.

CONTAINS 2,4-D, MECOPROP, DICHLORPROP AND A 15-0-0 FERTILIZER

ACTIVE INGREDIENTS:*

Dimethylamine Salt of 2,4-Dichlorophenoxyacetic Acid*	2.29%
Dimethylamine Salt of 2-(2-Methyl-4-Chlorophenoxy)propionic Acid**	2.30%
Dimethylamine Salt of 2-(2,4-Dichlorophenoxy)propionic Acid***	2.26%
INERT INGREDIENTS:	93.15%
TOTAL	100.00%

ACCEPTED
with COMMENTS
in EPA Letter Dated:

28 SEP 1993

Isomer Specific AOAC Method No. 6321, Equivalent to:

*2,4-Dichlorophenoxyacetic Acid	1.9%, 18 lb(s)/gal.
**2-(2-Methyl-4-Chlorophenoxy)propionic Acid	1.9%, 18 lb(s)/gal.
***2-(2,4-Dichlorophenoxy)propionic Acid	1.9%, 18 lb(s)/gal.

GUARANTEED ANALYSIS:°

Total Nitrogen (N)	15%
15% Urea Nitrogen	

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, this product is registered under the number 524-470

*TRIAMINE IS A TRADEMARK OF RIVERDALE CHEMICAL COMPANY
GREENSWEEP® is a registered trademark used under license.

Patent Pending

KEEP OUT OF REACH OF CHILDREN

CAUTION

SEE SIDE AND BACK PANELS FOR ADDITIONAL PRECAUTIONARY STATEMENTS AND STATEMENT OF PRACTICAL TREATMENT

NET CONTENTS: 1/2 GAL. (64 Fl. Oz.)

NET WEIGHT: 4.6 LBS.

EPA REG. NO. 524-470
Revised A/O 6/12/93

EPA EST. NO. 228-IL-1

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(Back Panel)

PRECAUTIONARY STATEMENTS**HAZARDS TO HUMANS AND DOMESTIC ANIMALS****CAUTION**

Harmful if absorbed through skin. Causes moderate eye irritation. Avoid contact with skin or clothing. Wear long pants, long-sleeved shirt, shoes and chemical resistant gloves when handling or applying this product. Wash nondisposable gloves thoroughly with soap and water before removing. Wash thoroughly with soap and water after handling. Do not allow persons or pets on treated areas until sprays have dried.

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Get medical attention.
IF IN EYES: Flush eyes with plenty of water. Call a physician if irritation persists.
IF ON SKIN: Wash with plenty of soap and water. If irritation develops, get medical attention.

(In case of emergency involving this product call collect day or night, 314-694-4000)

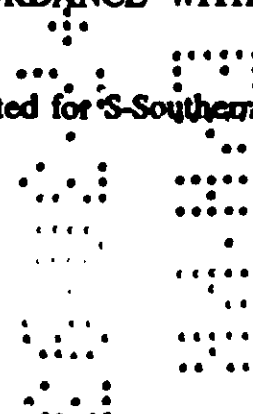
ENVIRONMENTAL HAZARDS

This product is toxic to aquatic invertebrates. Drift or runoff may adversely affect aquatic invertebrates and non-target plants. Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwaters nor pour the washwaters on the ground; spray or drain over a large area away from wells, other water sources and desirable plants. Do not apply this product through any type of irrigation system. Do not contaminate water used for irrigation or domestic purposes. If spills occur, collect the material and dispose of by following disposal instructions on this label.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. **READ ENTIRE LABEL BEFORE USING THIS PRODUCT. USE STRICTLY IN ACCORDANCE WITH LABEL PRECAUTIONARY STATEMENTS AND DIRECTIONS.**

Spray anytime during the growing season when weeds are actively growing (except as noted for S-Southern or Warm Season Grasses).



4 of 7

4,150 to 6,666 Sq. Ft.	Coverage for (N-Northern or Cool Season Grasses) such as Blue Grass, Fescue, and Rye grasses.
8,500 to 10,000 Sq. Ft.	Coverage for (S-Southern or Warm Season Grasses) Bahia, common Bermuda, St. Augustine, Centipede, Zoysia and Bent grasses. Some temporary injury may occur with these grasses. In Spring, do not apply until grass has reached full green up. In Fall, exercise care when grass growth is going into dormancy. When applying to Bent grass, height of grass should be 1-1/2" or more. Note: Some hybrid Bermuda grasses may be sensitive to this product. Contact your local Extension Service weed control specialist.

Designed to control broadleaf weeds and give your lawn a quick boost of important nutrients. Control dicot weeds during their active growth period. Guaranteed not to burn your lawn when used as directed. High analysis fertilizer featuring a patented nitrogen formula.

A lawn typically will utilize 1 to 4 pounds of nitrogen per 1,000 square feet per growing season. When used as directed this product will supplement your regular fertilizer program by providing .1 pounds of nitrogen per 1,000 square feet (optional P₂O₅ and K₂O levels) and Triamine™ to control listed weeds. Please contact your local extension office for questions regarding a regular fertilizer program. ²Based on Inert fertilizer claimed.

USE PRECAUTIONS

IMPORTANT: Do not use this product for controlling weeds in flower or vegetable beds or around shrubs or ornamental plantings. Do not spray exposed roots of desirable plants. Do not spray on Dichondra, Lippia, nor on grasses where desirable Clovers are present. Do not apply to newly seeded grasses until they have been mowed 3 times. Do not cut grass 1 to 2 days before and after application. Do not reseed or plant stolons for 3 to 4 weeks after use. If lawn needs watering, water thoroughly before application. Do not water for 48 hours after application. Watering will wash off weed killing material. Do not apply if rainfall is expected within 48 hours. (Optional statements for adjustable sprayers - Avoid fine mists. Use a lawn type sprayer with a coarse spray as wind drift is less likely.) Spray entire lawn, wetting weeds and lawn grasses. Do not exceed recommended rates because damage to turf may occur. Spray when air is calm to avoid spray drift that might injure desirable ornamental plants. Do not apply when temperature exceed 85° F. Shake well before using.

WEEDS CONTROLLED BY TRIAMINE™-PREMIUM-6666-LIQUID- ~~TRIAZONE~~ WEED AND FEED

Alders, Artichoke, Aster, Austrian fieldcress, Beggarticks, Bident, Bindweed, Bitterweed, Bitter winter cress, Black medic, Blessed thistle, Blue lettuce, Box elder, Broomweed, Buckhorn, Bull thistle, Burdock, Bur ragweed, Buttercup, Canada Thistle, Carpetweed, Catnip, Chickweed, Chicory, Clover, Cockle, Cocklebur, Coffeebean, Coffeeweed, Common sowthistle, Creeping jenny, Croton, Curly indigo, Dandelion, Dock, Dogbane, Dogfennel, Elderberry, English daisy, Flea bane, (daisy), Flixweed, Florida pusley, Frenchweed, Galinsoga, Goatsbeard, Goldenrod, Ground ivy, Gumweed, Hawkweed, Healall, Heartloaf, Drymary, Hemp, Henbit, Hoary cress, Honeysuckle, Horsetail, Indiana mallow, Ironweed, Jewelweed, Jimsunweed, Kochia, Knotweed, Lambsquarters, Locoweed, Lupines, Mallow, Marshelder, Mexicanweed, Morningglory, Milk thistle, Mustard, Nettle, Nutgrass, Orange hawkweed, Oxalis, Parsnip, Pennycress, Pennywort, Peppergrass, Pepperweed, Pigweed,

GREENSWEEP® WEED & FEED 20-0-0

Plaintain, Poison hemlock, Poison ivy, Poison oak, Pokeweed, Poorjoe, Povertyweed, Prickly lettuce, Primrose, Puncture vine, Purslane, Ragweed, Red clover, Red sorrel, Rush, Russian thistle, St. Johnswort, Sheep sorrel, Shepherdspur, Smartweed, Sneezeweed, Southern wild rose, Sowthistle, Spanishneedles, Spatterdock, Speedwell, Spurge, Spurweed, Stinkweed, Stitchwort, Sumac, Sunflower, Sweetclover, Tarweed, Thistle, Toadflax, Tumbleweed, Velvetleaf, Veronica, Vervain, Vetch, Virginia buttonweed, Virginia creeper, Wild aster, Wild carrot, Wild garlic, Wild geranium, Wild lettuce, Wild onion, Wild radish, Wild rape, Wild strawberry, Wild sweet potato, Willow, Witchweed, Woodsorrel, Wormseed, Yarrow, Yellow rocket, and (many) other broadleaf weeds.

After apply this product, many broadleaf weeds will begin to show visible signs of leaf curl within a few days. Some hard-to-control broadleaf weeds may require a second (or an additional) treatment in 3-4 weeks.

(HOSE-END SPRAYER INSTRUCTIONS)

HOW TO APPLY: Use any hose-end sprayer that is designed for use on lawns and makes a minimum of 15 gallons of finished spray. Such sprayers are Ortho's Orthomatic Lawn Sprayer, Ortho's and Black Leaf's Lawn Sprayer (dilution ratio of 60 to 1). The following are adjustable/dial sprayers:

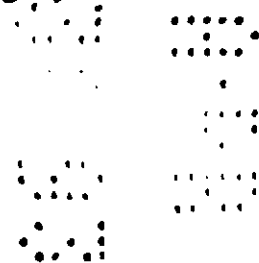
<u>MANUFACTURER</u>	<u>SETTING</u>
Super K-Gro	20
Melnor #94 & #95	11
Melnor #96 & #97	13
Gilmour #362	4
Gilmour #486	12

Special Note: Some adjustable sprayers do not hold 32 oz. The above settings are based on using 64 oz. per 4,250 to 6,666 square feet on N-Northern or Cool Season grasses or 8,500 to 10,000 square feet for application on S-Southern or Warm Season grasses. The entire contents of this bottle must be used to make the proper recommended application rate.

Determine the area to be sprayed. Apply at a rate of 64 oz. (1/2 gal.) per 4,250 to 6,666 square feet on N-Northern or Cool Season grasses or 8,500 to 10,000 square feet for application on S-Southern or Warm Season grasses. Fill sprayer jar with appropriate amount of this product. Do not dilute this product with water when filling sprayer jar. The water will automatically mix this product during spraying. Attach sprayer to garden hose while holding sprayer at waist level. Point in a direction away from face and body. Walk back and forth at a steady pace. Over lap slightly for uniform coverage.

(DISPOSABLE SPRAYER AND BOTTLE INSTRUCTIONS)

HOW TO APPLY: Connect spray nozzle to hose. Remove bottle cap and screw bottle into nozzle. While holding sprayer at waist level, point in direction away from face and body. Turn on water at the tap. Place finger over hole on right side of nozzle (or turn on/off lever to the "ON" position) and this product will mix automatically at the proper ratio. Walk back and forth at a steady pace. Overlap slightly for uniform coverage.



(Left Side Panel)

COVERAGE MEASURING GUIDE

Marks on left side panel of bottle indicate square feet covered.
(Not to Scale)

1666 Sq. Ft.
3333 Sq. Ft.
5000 Sq. Ft.
6666 Sq. Ft.
Cool Season
(N)

2500 Sq. Ft.
5000 Sq. Ft.
7500 Sq. Ft.
10000 Sq. Ft.
Warm Season
(S)

1063 Sq. Ft.
2125 Sq. Ft.
3188 Sq. Ft.
4250 Sq. Ft.
(Optional)

(Right Side Panel)

STORAGE AND DISPOSAL

STORAGE: Keep from freezing (For 25-1-2 fertilizer - Do Not Store above 95° F). To be stored in original container (when applicable: with child-resistant cap) and placed in a locked area inaccessible to children. Do not store near feed or foodstuff.

PESTICIDE DISPOSAL: Product remaining in original container should be disposed of by securely wrapping original container in several layers of newspaper and discarding in trash.

CONTAINER DISPOSAL: Do not reuse container except as a hose-end sprayer bottle only when using GREENSWEEP® refill size. Rinse thoroughly before discarding in trash.

NOTICE: Buyer assumes all responsibility for safety and use not in strict accordance with directions and instructions for use. (Optional statement - If these terms are not acceptable, return at once unopened.)
(RS-030491/RV-061292)

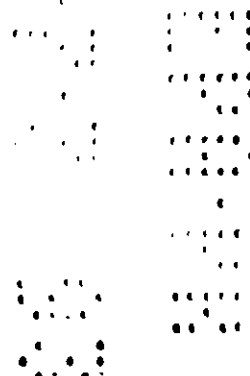
~~The following will not be part of the actual label copy:~~

~~Note: Guaranteed (fertilizer) analysis and weight will vary among various brand names under this registration.~~

(Additional copy for refill size)

For refill only: Use this bottle to refill the quart hose-end sprayer of GREENSWEEP® WEED & FEED. Follow directions for use on hose-end sprayer bottle.

(Optional statements - and directions pamphlet enclosed with 1 quart bottle
- save when you buy this double coverage refill)



(GWF SPRAYER INFORMATION)

(Optional statements - For Residential Use Only)

(- For more information about Seller's products call 1-800-225-2883)

Name "A" Instructions

HOW TO APPLY

- No Mix, No Measure.
- Make sure ON/OFF valve is in OFF position
- Shake well before applying.
- Connect spray nozzle to hose.
- Turn on the water at the tap.
- When ready to treat, point in direction away from face and body and pull the tab toward the hose end connection. Turn the ON/OFF valve to the ON position. The water mixes automatically with this product at the proper ratio.
- Walk and spray at a steady pace. Marks on side of bottle indicate the number of square feet covered in 1,000's.

