

PM

23

228-335
UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

9/22/98

page 1 of 10

Mr. Russell F. Sawyer
Riverdale Chemical Company
425 West 194th Street
Glenwood, Illinois 60125-1584

SEP 22 1998

Dear Mr. Sawyer:

Subject: Label Revision Amendment - Revise The Signal Word And
Precautionary Statements
Horsepower 8000 Lawn Weed Killer
EPA Registration No. 228-335
Your amendment application submission
dated April 14, 1998

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

1. Make the labeling changes listed below before you
release the product for shipment bearing the amended
labeling [Note: Changes listed apply to both the Non-
Commercial Label and Commercial Label]:
 - a. Under the subheading entitled "HAZARDS TO HUMANS AND
DOMESTIC ANIMALS," please incorporate the following
statement:

"If using the disposable sprayer and bottle, wear eye
protection when refilling the bottle or when contacting
or disconnecting the bottle from the sprayer."

In addition, under the same subheading, please revise
the third sentence in the paragraph to read as "Avoid
contact with eyes or clothing."
2. Please submit one (1) final printed copy for the
referenced label, incorporating the above change,
before releasing the product for shipment.

If you have any concerns or questions regarding this letter,
please call Marcel Howard at (703)305-6784.

A stamped copy is enclosed for your records.

Sincerely yours,

Joanne I. Miller
Product Manager (23)
Herbicide Branch
Registration Division (7505C)

Enclosure

2910

CONCURRENCES

| | | | | | | | | |
|-----------|--------------|--|--|--|--|--|--|--|
| SYMBOL > | 7505C | | | | | | | |
| SURNAME > | MHoward | | | | | | | |
| DATE > | Sep 21, 1998 | | | | | | | |

(Non-Commercial Label)

RIVERDALE

HORSEPOWER™ 8000 LAWN WEED KILLER

FOR SELECTIVE BROADLEAF WEED CONTROL
IN ORNAMENTAL LAWNS AND TURF GRASSES

CONTAINS MCPA, TRICLOPYR AND DICAMBA

KILLS (OR CONTROLS): Dandelion, Chickweed, Black medic, Knotweed, Plantain, Oxalis,
Clover, Cocklebur, Thistle and many other species of
broadleaf weeds; some of which are listed on this label.
One quart covers 8,000 sq. ft.

ACTIVE INGREDIENTS:†

| | |
|-----------------------------------|---------|
| Dimethylamine Salt of MCPA* | 10.97% |
| Triethylamine Salt of Triclopyr** | 1.25% |
| Dimethylamine Salt of Dicamba*** | 1.08% |
| INERT INGREDIENTS: | 86.70% |
| TOTAL | 100.00% |

By Isomer Specific AOAC Method, Equivalent to:

| | |
|------------------|-------------------------|
| *2 MCPA Acid | 8.960%, 0.770 lbs./gal. |
| **Triclopyr Acid | 0.896%, 0.077 lbs./gal. |
| ***Dicamba Acid | 0.896%, 0.077 lbs./gal. |

†HORSEPOWER™ - Is A Trademark of Riverdale Chemical Company

KEEP OUT OF REACH OF CHILDREN

CAUTION

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

EPA REG. NO. 228-335

NET CONTENTS GALS.

EPA EST. NO. 228-IL-1

MANUFACTURED BY

RIVERDALE CHEMICAL COMPANY

GLENWOOD, ILLINOIS 60425-1584

ACCEPTED
with COMMENTS
In EPA Letter Dated

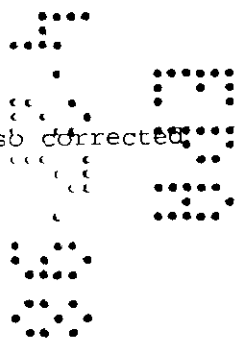
SEP 22 1998

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

228-335

Revised 4/14/98

Revised signal word and Precautionary Statements; also corrected application misinformation.



(Side Panels)

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

Causes moderate eye irritation. Harmful if swallowed. Avoid contact with eyes. Wash thoroughly with soap and water after handling.

or clothing

* Add: *If using the disposable sprayer bottle, wear eye protection when refilling the bottle or when collecting or disconnecting the bottle from the sprayer.*

STATEMENT OF PRACTICAL TREATMENT

- IF IN EYES:** Flush eyes with plenty of water. Call a physician if irritation persists.
- IF SWALLOWED:** Call a physician or Poison Control Center. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger, or if available by administering syrup of ipecac. If person is unconscious, do not give anything by mouth and do not induce vomiting.
- NOTE TO PHYSICIAN:** Probable mucosal damage may contraindicate the use of gastric lavage.

ENVIRONMENTAL HAZARDS

Drift or runoff may adversely affect nontarget plants. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. When cleaning equipment, do not pour washwater on the ground; spray or drain over a large area away from wells and other water sources. Do not contaminate water when disposing of equipment washwaters. Do not apply this product through any type of irrigation system. Do not contaminate water used for irrigation or domestic purposes.

Most cases of ground water contamination involving phenoxy herbicides such as MCPA have been associated with mixing/loading and disposal sites. Caution should be exercised when handling these phenoxy pesticides at such sites to prevent contamination of groundwater supplies. Use of closed systems for mixing and transferring this pesticide will reduce the probability of spills. Placement of the mixing/loading equipment on an impervious pad to contain spills will help prevent groundwater contamination.

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.**

HORSEPOWER 8000 LAWN WEED KILLER is for use on Ornamental Turf such as Lawns, Parks, Cemeteries, Golf Courses (Fairways, Aprons, Tees and Roughs), and similar non-crop areas.

USE PRECAUTIONS

Spray when air is calm to avoid spray drift. Avoid drift of spray mist to vegetables, flowers, ornamental plants, shrubs, trees and other desirable plants. Do not pour spray solutions near desirable plants. Avoid fine-mists. Use lawn type sprayer with coarse spray as wind drift is less likely. Do not use on Carpetgrass, Dichondra, nor on lawns or turf where desirable clovers are present. Avoid contact with exposed feeder roots of ornamentals and trees. Maximum kill (or control) of weeds will be obtained from Spring or early Fall applications when weeds are actively growing. Spray entire lawn, wetting weeds and lawn grasses. Do not exceed specified dosages for any area; be particularly careful within the dripline of tree and other ornamental species. Do not apply to newly seeded grasses until well established. Do not spray when air temperature exceeds 90°F.

Avoid application to Centipede, or St. Augustine grasses unless turf injury can be tolerated. The suitable use of Horsepower 8000 Lawn Weed Killer on non-recommended turf species may be determined by treating a small area at any rate/sq. ft. which does not exceed 3 pints/15,000/sq.ft. Prior to treatment of larger areas, the treated area should

be observed for any sign of turf injury for a period of 30 days of normal growing conditions to determine the phytotoxicity and efficacy to the treated area. The user assumes the responsibility for any plant damage or other liability resulting from the use of this product on species not recommended on this label.

For optimum results: (1) avoid applying during excessively dry or hot periods unless irrigation is used; (2) avoid applying if rainfall is expected within 24 hours, nor should lawns be irrigated (watered) for 24 hours following application. If lawn needs watering, water thoroughly before application; (3) turf should not be mowed 1 to 2 days before and following application; (4) reseed no sooner than 3 to 4 weeks after application of this product. Adding oil, wetting agent, or other surfactant to the spray may be used to increase effectiveness on weeds but doing so may reduce selectivity to turf resulting in turf damage. Clean and rinse spray equipment using soap or detergent and water, and rinse thoroughly before reuse for other sprays.

WEEDS CONTROLLED BY HORSEPOWER 8000 LAWN WEED KILLER

Alfalfa, Amaranth, Aster, Beadstraw, Bedstraw, Beggartick, Beggarweed, Bindweed, Bitter sneezeweed, Black medic, Bladder campion, Bracken fern, Broomweed, Buckhorn, Buckwheat, Buffalobur, Burclover, Burcucumber, Burdock, Bursage, Buttercup, Canada thistle, Carpetweed, Catnip, Catsear, Chamise, Chamomile, Chickweed, Chicory, Cinquefoil, Clover, Jocklebur, Coffeeweed, Cornflower, Cornspeedwell, Croton, Daisy, Dandelion, Dock, Dog fennel, Dragonhead mint, Evening primrose, Field pennycress, Fleabane, Florida pusley, Frenchweed, Galinsoga, Geranium, Goatsbeard, Goldenrod, Goosefoot, Gromwell, Ground ivy, Halfshrub sundrop, Hawkweed, Healall, Heartleaf drymary, Hemp sesbania, Hempnettle, Henbit, Horsenettle, Horsetweed, Ironweed, Jerusalem artichoke, Jimsonweed, Knapweed, Knapwood, Knawel, Knotweed, Kochia, Ladythumb, Lambsquarter, Lespedeza, Little starwort, Mallow, Marc's Tail, Marshelder, Matchweed, Mayweed, Milkweed, Morningglory, Mustard, Nightflowering catchfly, Nightshade, Oxalis (Stricta and corniculata), Parsley-piert, Pennywort, Peppergrass, Pepperweed, Pigweed, Plantain, Poison hemlock, Poison ivy, Poison oak, Pokeweed, Poorjoe, Prickly sida, Prickly lettuce, Puncturevine, Purslane, Ragweed, Red sorrel, Red clover, Redvine, Redstem, Rubberweed, Sheep sorrel, Shepherdspurse, Sicklepod, Smartweed, Snakeweed, Sowthistle, Speedwell, Spiderwort, Spikeweed, Spiny, Spurge, Spurry, Spurweed, Starbur, Stinging nettle, Stitchwort, Stunkweed, Sumpweed, Sunflower, Tansy ragwort, Teasel, Teaweed, Texas blueweed, Thistle, Thistle, Toadflax, Trumpetcreper, Velvetleaf, Veronica, Vetch, Waterhemlock, Waterhemp, Whitebrush, Wild violet, Wild radish, Wild onion, Wild aster, Wild carrot, Wild lettuce, Wild garlic, Wild geranium, Wood sorrel, Wormwood, Yankeweed, Yarrow, Yellow starthistle, Yellow rocket, and many other broadleaf weeds.

ORNAMENTAL LAWNS AND TURF

Apply Horsepower 8000 Lawn Weed Killer at the rate of 2 pints in 4 to 50 gallons of water per 8,000 sq. ft. (4 fluid ounces in 1/2 to 5 gallons of water per 1,000 square feet) to control weeds growing in turf planted to Bluegrass, Fescue, Rye, Bent (excluding golf course greens and tees), Bahia, Bermuda and Zoysia.

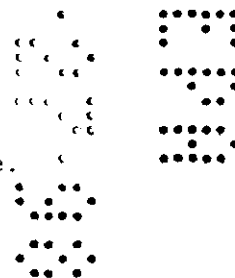
Disposable Sprayer and Bottle Instructions: Determine area to be sprayed. Apply at a rate of 32 oz. (1 quart) per 8,000 sq.ft. Remove bottle cap and screw bottle into nozzle. Connect spray nozzle to hose while holding sprayer at waist level, point in direction away from face and body. Turn on the water at the tap. Place finger over hole on right side of nozzle (or turn on/off lever to the "ON" position) and the Lawn Weed Killer will mix automatically at the proper ratio. Walk back and forth at steady pace.

2,000 Sq. Ft.

4,000 Sq. Ft.

6,000 Sq. Ft.

(Optional marks on left for 1 qt. disposable bottle. Not to scale.)



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| Dimethylamine Salt of 2-Methyl-4-Chlorophenoxyacetic Acid* | 10.97% |
| Triethylamine Salt of 3,5,6-Trichloro-2-Pyridinyloxyacetic Acid** | 1.25% |
| Dimethylamine Salt of Dicamba (3,6-Dichloro-o-Anisic Acid)*** | 1.08% |
| INERT INGREDIENTS: | 86.70% |
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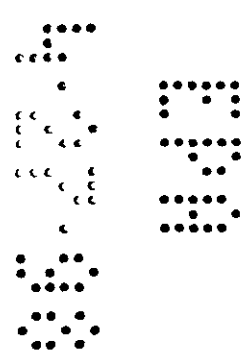
ACCEPTED
with COMMENTS
In EPA Letter Dated

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as amended, the pesticide
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Revised A/O 4/14/98 Revised signal word and Precautionary Statements.



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ORNAMENTAL LAWNS AND TURF

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STORAGE AND DISPOSAL

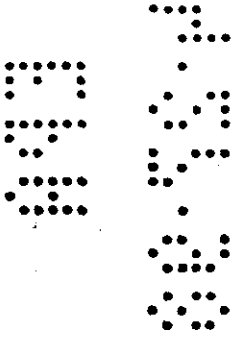
STORAGE: Always use original container to store pesticides in a secured warehouse or storage building. Do not store near open containers of fertilizers, seeds or other pesticides. Store at temperatures above 32°F. If allowed to freeze, remix before using. This does not alter this product. Containers should be opened in well ventilated areas. Keep container tightly sealed when not in use. Do not stack cardboard cases more than two pallets high. Do not contaminate water, food or feed by storage or disposal.

PESTICIDE DISPOSAL: If container is damaged or if pesticide has leaked, contain all spillage. Absorb and clean up all spilled material with granules or sand. Place in a closed labeled container for proper disposal. Improper disposal of excess pesticide, spray mixtures, or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

CONTAINER DISPOSAL: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill or by other procedures approved by State and local authorities. Plastic containers are also disposable by incineration, or if allowed by State and local authorities, by burning. If burned, stay out of smoke.

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NOTICE: Buyer assumes all risks of use, storage and handling of this product not in strict accordance with directions given herewith. (PR938 042194/RV 041498)



RFK