

**NOTICE OF PESTICIDE:**  REGISTRATION  
 REREGISTRATION  
(Under the Federal Insecticide, Fungicide,  
and Rodenticide Act, as amended)

NAME OF PESTICIDE PRODUCT

Duo Lawn Weed Killer

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

Mr. Russell F. Sawyer  
Riverdale Chemical Company  
425 West 19th Street  
Glenwood, Illinois 60425-1584

**BEST AVAILABLE COPY**

NOTE: Changes in labeling formula differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above U.S. EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby Registered/Reregistered under the Federal Insecticide, Fungicide, and Rodenticide Act.

A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.

Registration is in no way to be construed as an endorsement or approval of this product by this Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA section 3(c)(7)(A) provided that you:

1. Submit/Cite all data required for registration/reregistration of your product under FIFRA section 3(c)(5) when the Agency requires all registrants of similar products to submit such data.
2. Add the phrase, "EPA Registration No. 228-266" to your label before you release the product for shipment.
3. Submit, within 30 days of the date of this notice, an updated CSF with corrected upper and lower certified limits, see Agency's letter dated March 26, 1991.
4. Submit three (3) copies of your final printed labeling before you release the product for shipment. Refer to the A-79 previously mailed to you for a further description of final printed labeling.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL

*Jeanne D. Miller*

DATE

6/19/91

As to the placement of the AOAC Statement the Agency follows PR Notice 81-4 in which section III, paragraph E states:

"Confidential statements of formula must indicate the appropriate AOAC method number for each active component affected by this notice. Since the method numbers are periodically revised by the AOAC, the AOAC manual edition must be specified. Methods of analysis will not be considered confidential."

Therefore the AOAC Method Statement does not need to be on the label. It can be there if Riverdale so desires, but the only place it must appear is on the confidential statement of formula.

A stamped copy of the label is enclosed for your records.

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

Enclosure

CONCURRENCES

SYMBOL	H7505C							
SURNAME	Robbins							
DATE	6/17/91							

RIVERDALE

DUO™ LAWN WEED KILLER

Covers (Treats) 9600 Sq. Ft.

CONTROLS DANDELIONS, WILD ONIONS, HENBIT, PLANTAINS,  
CHICKWEEDS AND MANY OTHER LISTED WEEDS

ACTIVE INGREDIENTS:

Dimethylamine Salt of 2-Methyl-4-chlorophenoxyacetic Acid\* ..... 14.0%  
Dimethylamine Salt of 2-(2-Methyl-4-chlorophenoxy)propionic Acid\*\* ..... 10.0%

INERT INGREDIENTS: ..... 76.0%  
TOTAL ..... 100.0%

Isomer Specific by AOAC Method Nos. 6.321† & 6.372‡ 14th Edition, Equivalent to:

\*†2-Methyl-4-chlorophenoxyacetic Acid ..... 11.4%, 1.00 lbs./gal.  
\*\*‡2-(2-Methyl-4-chlorophenoxy)propionic Acid ..... 8.3%, 0.73 lbs./gal.

Duo™ - A Trademark Of Riverdale Chemical Company

KEEP OUT OF REACH OF CHILDREN

CAUTION

See back panel for additional precautionary statements  
and Statement of Practical Treatment

NET CONTENTS 32 FL. OZ. (1 QUART)

EPA REG. NO. 228-EAA

EPA EST. NO. 228-IL-1

ACCEPTED  
with COMMENTS  
EPA Letter Dated:

MANUFACTURED BY

RIVERDALE CHEMICAL COMPANY

JUN 18 1991

GLENWOOD, ILLINOIS 60425-1584

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

(Left Side Panel)

Controls BIENNIALS & PERENNIALS:

Buckhorn, Plantain, Canada thistle, Clover, Common burdock, Common plantain, Curly  
dock, Dandelion, Dichondra, Ground ivy, Lawn pennywort, Lippia, Morningglory, Mouseear,  
Chickweed, Oxalis, Sheep sorrel, Thistles, Wild carrot, Wild garlic, Wild onion,  
Yarrow.

UPC CODE

Revised 4/8/91

BEST AVAILABLE COPY

(Right Side Panel)

Controls ANNUALS:

Black medic, Carpetweed, Common chickweed, Clover, Creeping beggar weed, Fennel, Fleabane, Florida pusley, Wild geranium, Hawkweed, Henbit, Knotweed, Lambsquarters, Mallow, Oxalis, Pigweed, Purslane, Ragweed, Shepherdspurse, Smartweed, Sow thistle, Speedwell, Spurge.

(Back Panel)

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

Harmful if swallowed or absorbed through skin. Causes moderate eye injury (irritation). Avoid contact with skin, eyes, or clothing. Wear face shield or goggles, long pants, long sleeved shirt, shoes and gloves when mixing, loading or applying this product. Wash thoroughly with soap and water after handling. Do not allow persons and pets on treated areas until sprays have dried.

STATEMENT OF PRACTICAL TREATMENT

- IF IN EYES: Immediately flush eyes with fresh water for 15 minutes and get medical attention.
- IF SWALLOWED: Call a physician or Poison Control Center. Drink one or two glasses of water and induce vomiting by touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person.
- IF ON SKIN: Wash skin with plenty of soap and water. Get medical attention if irritation persists.  
Note to Physicians: Emergency information - call ( )

ENVIRONMENTAL HAZARDS

Drift or runoff may adversely affect non-target plants. Do not apply directly to water or wetlands (swamps, bogs, marshes, and potholes). Do not contaminate water when disposing of equipment washwaters or rinsate 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.

Most cases of ground water contamination involving phenoxy herbicides such as MCPA and MCPP 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.



5.16

**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. USE STRICTLY IN ACCORDANCE WITH LABEL PRECAUTIONARY STATEMENTS AND DIRECTIONS.

Duo Lawn Weed Killer is for effective control of lawn weeds and will not harm lawn grasses when used according to directions.

**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 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. 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 exceeds 90°F. Make new dilution for each use. Shake well before using.

**BENT, COMMON BERMUDA, RED FESCUE, CENTIPEDE AND CARPET GRASSES:**

**GROWING SEASON -** Use one-half recommended rate (2 tsp.) per gallon of water. Make 2 applications 20 days apart. Temporary injury may occur. Do not apply to Dichondra, Lippia, St. Augustine and Clover lawns.

**DORMANT SEASON (WINTER): COMMON BERMUDA, CENTIPEDE, CARPET GRASSES:** Use at regular rate (See Dilution Table) and apply when turf is dormant (brown). Reduce rate by one-half (2 tsp.) per gallon water when turf has greened up and is actually growing (See Growing Season above).

**HARDY WEEDS:** For hardy weeds such as Sheep sorrel, Dock, Thistle, and Morningglory in lawns and other turf areas, repeat application in 2 to 3 weeks if necessary.

**Dilution Table**

Area To Treat	Water To Use	Amount of Duo Lawn Weed Killer to Use***
200 sq. ft.	1 gallon	4 teaspoonfuls
1200 sq. ft.	6 gallons	8 tablespoonfuls (4 oz.)

\*\*\* Use one-half this rate for Bent, Bermuda, Red fescue, Centipede and Carpet Grasses.

**TO PREPARE REFILL FOR WEED KILLER:** Measure 1 tablespoon of Duo Lawn Weed Killer into the empty container of Duo Weed Killer (24 oz. size) and then fill with tap water.

**BEST AVAILABLE COPY**

**STORAGE AND DISPOSAL**

**STORAGE:** To be stored in original container and placed in an area inaccessible to children.

**PRODUCT DISPOSAL:** Partially filled container may be disposed of by securely wrapping original container in several layers of newspaper and discard in trash.

**CONTAINER DISPOSAL:** Rinse thoroughly before discarding in trash. Do not reuse empty container.

**NOTICE:** Buyer assumes all responsibility for safety and use not in accordance with directions. (RS 030191)

