



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460

FEB 28 1994

Richard M. Vaught  
E.I. DU PONT DE NEMOURS AND CO. INC.  
BARLEY MILL PLAZA, WALKER'S MILL  
WILMINGTON, DE 19880

OFFICE OF  
PREVENTION, PESTICIDES AND  
TOXIC SUBSTANCES

Subject: Label Amendment Submission of 09/17/93 in Response to PR Notice 93-7  
EPA Reg. No. 352-307  
DU PONT TUPERSAN SIDURON WEED KILLER WETTABALE POWD

Dear Registrant:

The labeling cited above and submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is accepted. A copy of your proposed labeling stamped "ACCEPTED WITH COMMENTS" is enclosed.

**WHAT THIS ACCEPTANCE MEANS:**

Based on your certification, the Agency has accepted the labeling changes that are necessary to comply with the Worker Protection Standard (WPS) labeling requirements of 40 CFR part 156, subpart K, described in PR Notices 93-7 and 93-11. Any other labeling changes submitted in connection with this amendment application but not directly related to compliance with the WPS have not been reviewed or accepted by the Agency. If you wish to make such changes, you must submit a separate amendment application proposing them. If your product is currently suspended, the acceptance of this labeling amendment does not affect the suspension in any way.

**WHAT YOU NEED TO DO NEXT:**

Send to EPA one (1) copy of the final printed labeling:

- BEFORE selling or distributing any product bearing the final printed labeling
- AND
- WITHIN one year from date of this acceptance.



Recycled/Recyclable  
Printed with Soy/Canola ink on paper that  
contains at least 50% recycled fiber

Submit the final printed labeling via the U.S. Postal Service to:

Document Processing Desk (FIN-LABEL)  
Office of Pesticide Programs (7505C)  
U.S. Environmental Protection Agency  
401 M Street, SW  
Washington, D.C. 20460-0001

Hand or courier deliveries of final printed labeling may be made to:

Document Processing Desk (FIN-LABEL)  
Office of Pesticide Programs  
Room 266A, Crystal Mall 2  
1921 Jefferson Davis Highway  
Arlington, VA 22202

Sincerely,

*for*   
Jim Tompkins, Deputy Chief  
Registration Support Branch  
Registration Division (7505W)

Attachment

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
Office of Pesticide Programs  
Registration Division

Richard M Vaught  
E. I. DU PONT DE NEMOURS AND CO, INC.  
BARLEY MILL PLAZA, WALKER'S MILL  
WILMINGTON DE 19880

Comment for: EPA Reg Nr.352-307  
DU PONT TUPERSAN SIDURON WEED KILLER WETTABLE POWD

The following specific comments pertain to your WPS  
labeling submission concerning the product  
cited above:

No comment.

Additions



# TUPERSAN®

## HERBICIDE

### WETTABLE POWDER

#### FOR CONTROL OF CERTAIN ANNUAL WEED GRASSES IN TURF

ACTIVE INGREDIENT	BY WEIGHT
Siduron [1-(2-methylcyclohexyl)-3-ph-nylurea] .....	50%
INERT INGREDIENTS .....	50%
	TOTAL ..... 100%
EPA REG. NO. 352-307	Use Patent U.S. 3,309,192

**KEEP OUT OF REACH OF CHILDREN**

**CAUTION**

**STATEMENT OF PRACTICAL TREATMENT**

Avoid breathing dust or spray mist.

Avoid contact with skin, eyes, and clothing.

For medical emergencies involving this product, call toll free 1-800-441-3637.

**PRECAUTIONARY STATEMENTS**

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

CAUTION! MAY IRRITATE EYES, NOSE, THROAT, AND SKIN.

**PERSONAL PROTECTIVE EQUIPMENT**

Applicators and other handlers must wear:

Long-sleeve shirt and long pants.

Waterproof gloves.

Shoes plus socks.

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

**USER SAFETY RECOMMENDATIONS**

**USERS SHOULD:** Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.

**ENVIRONMENTAL HAZARDS**

This product is toxic to fish. Do not apply directly to water or wetlands. Do not apply where runoff is likely to occur. Do not apply when weather conditions favor drift from areas treated.

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 352-307

ACCEPTED WITH COMMENTS  
EPA Letter Dated  
FEB 28 1994

### GENERAL INFORMATION

Du Pont "Tupersan" Herbicide is a wettable powder to be mixed in water and applied as a spray for selective pre-emergence control of certain annual weed grasses in turf areas such as golf course fairways, lawns, parks, roadsides, and turf grown for grass seed or sod production. It is highly effective for the control of crabgrass (smooth and hairy), and may be used on newly seeded areas as well as on established turf. Because of its high degree of selectivity, "Tupersan" may be applied at time of seeding without causing injury to germinating seeds of many common temperate region grasses.

"Tupersan" is non-corrosive to equipment, non-volatile, and non-flammable.

**BEST AVAILABLE COPY**

### DIRECTIONS FOR USE

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

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

#### AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is:

- Coveralls.
- Waterproof gloves.
- Shoes plus socks.

"Tupersan" should be used only in accordance with recommendations on this label, or in separate published Du Pont recommendations available through local dealers.

Du Pont will not be responsible for losses or damages resulting from use of this product in any manner not specifically recommended by Du Pont. User assumes all risks associated with such non-recommended use.

"Tupersan" is recommended for pre-emergence control of annual weed grasses, such as crabgrass (smooth and hairy), foxtail, and barnyardgrass, in newly seeded or established plantings of the following grasses only: bluegrass, fescue, redtop, smooth brome, perennial ryegrass, orchardgrass, zoysia, and the following strains of bentgrass: Penncross, Seaside, Highland, Astoria, Nimisila, C-1, C-7 and C-19. Do not use on other bentgrass strains nor on Bermuda grass, as injury to turf may result. The effect of "Tupersan" on golf course greens may vary with turf management practices and environmental conditions; therefore, its use on golf greens is not recommended, as injury to turf may result. Treatment will not control annual bluegrass (*Poa annua*), clover, or most broadleaf weeds.

"Tupersan" may be applied at any stage of turf development, including new seedings. At least 1/2 inch of water must be provided by rainfall or irrigation within 3 days after treatment in order to carry the chemical into the root zone of germinating weeds.

### AMOUNT TO USE--WHEN TO APPLY

Apply at the following rates, using sufficient water, at least 100 gals. per acre (2 1/2 gals. per 1000 sq. ft.), to provide thorough and uniform coverage. Use the lower rates on light, sandy soils and the higher rates on soils high in clay and/or organic matter. At least 1/2 inch of water must be provided by rainfall or irrigation within 3 days after treatment.

#### New Spring Plantings

Apply as final operation following seeding. Use 4 to 12 lbs. "Tupersan" per acre (1 1/2 to 4 1/2 ozs. per 1000 sq. ft.). When no more than 6 lbs. are used, re-treat about one month later with an additional 4 to 6 lbs. per acre.

#### New Fall Plantings and Established Turf

Apply in the spring just before expected emergence of annual weed grasses. Use 16 to 24 lbs. "Tupersan" per acre (6 to 9 ozs. per 1000 sq. ft.).

#### EQUIPMENT

Except for small areas, use a fixed-boom power sprayer properly calibrated to a constant speed and rate of delivery. Make certain spray equipment is clean (free of scale, rust, dirt, oil, and pesticide deposits). Openings in screens should be 50 mesh or coarser. Material must be kept in suspension at all times by continuous agitation: agitate by mechanical or hydraulic means in the spray tank. If by-pass or return line is used, it should terminate at bottom of tank to minimize foaming. Spray booms must be shut off while starting, turning, slowing or stopping, or injury to the turf may result. For small areas, tank-type hand sprayer may be used; shake or stir frequently.

Do not apply this product through any type of irrigation system.

NOTE: Use only on turf areas; do not apply to crops used for food or feed purposes.

#### STORAGE AND DISPOSAL

**STORAGE:** Store product in original container only, away from other pesticides, fertilizer, food, or feed.

**PESTICIDE DISPOSAL:** Do not contaminate water, food, or feed by storage or disposal. Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

**CONTAINER DISPOSAL:** Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill or by incineration, or if allowed by State and local authorities, by burning. If burned, stay out of smoke.

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**NOTICE TO BUYER**--Purchase of this material does not confer any rights under patents of countries outside of the United States.

**NOTICE OF WARRANTY**

Du Pont warrants that this product conforms to the chemical description on the label thereof and is reasonably fit for purposes stated on such label only when used in accordance with the directions under normal use conditions. It is impossible to eliminate all risks inherently associated with the use of this product.

Ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of Du Pont. In no case shall Du Pont be liable for consequential, special or indirect damages resulting from the use or handling of this product. All such risks shall be assumed by the Buyer. DU PONT MAKES NO WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.

**AG-3165 8038 8/18/80**

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