



**PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS**

**DANGER**

Corrosive, causes eye damage, and skin irritation. Do not get in eyes, on skin or on clothing. Wear goggles, face shield and rubber gloves when handling. Harmful if swallowed, inhaled or absorbed through the skin. Do not breathe powder or spray mist. In prolonged handling of dust, wear a protective respirator. Avoid contamination of foodstuffs and feed. Wear clean protective clothing and bathe after each exposure.

**ENVIRONMENTAL HAZARDS**

This product is toxic to fish, birds and other wildlife. Birds and other wildlife in treated areas may be killed. Do not apply directly to any body of water. Do not apply where runoff is likely to occur. Do not apply when weather conditions favor drift from areas treated. Do not contaminate water by cleaning of equipment or disposal of wastes.

**PHYSICAL OR CHEMICAL HAZARDS**

Do not use or store near heat or open flame.

**DIRECTIONS FOR USE**

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling

**STORAGE AND DISPOSAL**

Do not contaminate water, food or feed by storage or disposal.

**STORAGE** — Store in a dry location

**PESTICIDE DISPOSAL** — Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture 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** — Completely empty bag into application equipment. Then dispose of empty bag in a sanitary land fill or by incineration, or if allowed by State and local authorities, by burning. If burned, stay out of smoke.

# DU-TER®

## FUNGICIDE

Wettable Powder



**ACCEPTED**

MAY 30 1984

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 400-161

**COMPOSITION**

Active Ingredient (% by weight)	
Triphenyltin hydroxide*	47.5%
Inert Ingredients	52.5%
<b>TOTAL</b>	<b>100%</b>

\*Equivalent to 15.3% Metallic tin

Manufactured or sold under one or more of the following U.S. Patents 3,113,069, 3,140,977, 3,248,283, 3,395,228, 3,445,575, and other Patents Pending

**KEEP OUT OF REACH OF CHILDREN**

**DANGER**

**PELIGRO**

**PRECAUCION AL USUARIO:** Si usted no lee ingles, no use este producto hasta que le expliquen haya sido explicado ampliamente.

**STATEMENT OF PRACTICAL TREATMENT**

**IF INHALED:** Remove victim to fresh air and apply respiration if indicated.  
**IF ON SKIN:** Wash promptly with soap and water. Rinse thoroughly.  
**IF IN EYES:** Rinse eyes for at least 15 minutes with water and call a physician immediately.  
**SEE LEFT SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENT.**

Mfg by UNIROYAL CHEMICAL — Division of UNIROYAL, Inc.  
Naugatuck, Connecticut 06770  
EPA REG NO 400-161  
EPA EST. NO

4-11-84

Lot. No.

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NET WEIGHT



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400-161

#### REENTRY STATEMENT

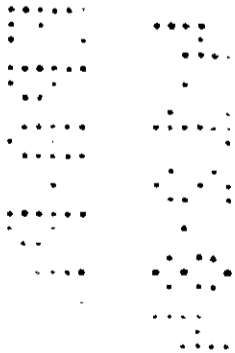
Do not apply this product in such a manner as to directly or through drift expose workers or other persons. The area being treated must be vacated by unprotected persons.

Do not enter treated areas without protective clothing until sprays have dried.

Because certain states may require more restrictive reentry intervals for various crops treated with this product, consult your State Department of Agriculture for further information.

Written or oral warnings must be given to workers who are expected to be in a treated area or in an area about to be treated with this product. When oral warnings are given, warnings shall be given in a language customarily understood by workers. Oral warnings must be given if there is reason to believe that written warnings cannot be understood by workers. Written or oral warnings must include the following information:

**"DANGER"** "Area to be treated with Triphenyltin hydroxide (date of application). Do not enter without appropriate protective clothing until sprays have dried. If accidentally exposed, consult the Statement of Practical Treatment portion of the pesticide label for first aid recommendations."



#### DIRECTIONS FOR USE

**BEFORE USE. READ DIRECTIONS, WARNING AND NOTICE STATEMENTS CAREFULLY.** Consult agricultural extension or agricultural experiment station specialists regarding timing recommendations.

#### GENERAL INFORMATION

Full coverage is necessary for best results. Diluted spray should be directed to all parts of the plant uniformly, gallonage increased according to size of plants. Use the lowest application rates in protective schedules, higher rates later in the season or during high infection periods.

#### MIXING

Before adding DU-TER to the spray tank, partially fill with water. Add the desired amount of DU-TER according to the rates listed elsewhere. After mixing thoroughly, add remaining water to spray tank. Continuous agitation within the spray tank is essential. If used in combination with liquid products, place DU-TER in tank first and when completely wetted, add emulsifiable concentrate or other liquid product. Wash out spray tank thoroughly after use. If rinsate cannot be used according to label instructions, contact the nearest EPA regional office for guidance in disposal. Observe all cautions and limitations on labeling of all products used in mixtures.

#### APPLICATION METHODS

**Ground** - Mix with water for a total solution of 10-100 gallons per acre.

**Aerial** - Mix with water for a total solution of 3-20 gallons per acre.

**SPRINKLER IRRIGATION** - In non-mobile systems, application may be made as a part of the usual irrigation or as separate treatment. Irrigation systems must be equipped with safety valves or other devices to prevent backsiphoning of pesticide into water source. Any irrigation water treated with this product should be held on the treated area until it is absorbed by the soil. It should not be turned into the tail water or fed back into the irrigation system.

**Irrigation Equipment** - A tank connected to the suction side of irrigation pump, field sprayer or other pressurized equipment connected to the main irrigation line may be used for injection. Good agitation must be provided in injection tank.

#### CALIBRATION AND USE IN SET SYSTEMS AND OTHER NON-MOBILE SYSTEMS

- 1 Measure acreage covered by sprinklers
- 2 Operate irrigation system and injection equipment at normal pressures
- 3 Fill tank of injection equipment
- 4 Adjust flow from injection equipment to use contents over a period of 10 to 30 minutes
- 5 For application of DU-TER, mix desired amount of product for acreage to be covered (see chart for rates) into quantity of water used during prior calibration and operate entire system for amount of time established during calibration. DU-TER should be injected at the end of the irrigation cycle or as a separate application.
- 6 Stop injection equipment after treatment is completed and continue to operate irrigation system until DU-TER has been cleared from the last sprinkler head. Refer to dye method discussed below.

#### CALIBRATION AND USE IN CENTER-PIVOT AND OTHER MOBILE SYSTEMS

- 1 Operate system and injection equipment at normal pressures
- 2 Fill tank of injection equipment
- 3 a) For systems other than center-pivot, operate entire system for one complete trip, measure time required, amount of water used from injection tank and acreage covered.  
b) For center-pivot systems, the water flow, speeds, acreage and other capabilities of the system are given in the manual or should be determined.
- 4 For application of DU-TER, mix desired amount of product for acreage to be covered (see chart for rates) into quantity of water used during prior calibration and inject into system continuously for one complete coverage of the field.
- 5 If irrigation is to be stopped after DU-TER has been applied, shut off the injection equipment after treatment is completed and continue to operate irrigation system until DU-TER has been cleared from the last sprinkler head. Refer to dye method discussed below.
- 6 With mobile systems, irrigation may be continued after injection has been stopped.

#### DYE CALIBRATION

A recommended procedure for establishing the time which will elapse from stopping the injection of DU-TER to its clearance from the last sprinkler is as follows:

- 1 During calibration of injection equipment as described above, insert a water soluble Food, Drug and Cosmetic approved dye into the irrigation line at the injection point and record the time it takes for the dye to be released from the last sprinkler head.
- 2 Collection of water from the last sprinkler in a glass jar will assist in observing when dyed water reaches that point.

**IMPORTANT NOTICE** — Seller warrants that this product conforms to its chemical description and is reasonably fit for the purposes stated on the label when used in accordance with the directions and instructions specified on the label under normal conditions of use, but neither this warranty nor any other warranty of merchantability or fitness for a particular purpose, express or implied, extends to the use of this product, contrary to label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to seller, and buyer assumes the risk of any such use.

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UGP 16-1

USE CHART

CROP/DISEASE	RATE/A	REMARKS	PRECAUTIONS
SUGARBEETS Leafspot (Cercospora beticola)	4-10 oz	Application should begin when leaf-spot conditions appear or when the disease is in the area and repeat at 10-14 day intervals	Do not feed beet tops to livestock Do not add surfactants spreaders or stickers to Du-ter sprays Do not graze dairy or meat animals in treated areas Do not apply within 14 days of harvest
POTATOES Early and Late Blight. Botrytis gray mold	5-10 oz (6-10 oz through irrigation)	Application should begin when weather conditions favor disease development and continue on a 7-day schedule (Use only sprinkler irrigation method of application for Botrytis gray mold) Full coverage of foliage is necessary for best results	Do not add surfactants, spreaders, or stickers Do not graze dairy or meat animals in treated areas Do not apply within 7 days of harvest May be used in combination with wettable powder and emulsifiable concentrate insecticides, however, before using with emulsifiable concentrates, it is suggested that the mixture be tested for phytotoxic response under actual use conditions For helicopter application fly high enough so as not to whip the vines
PECANS Scab. Brown Leaf- spot Downy spot Powdery Mildew Liver Spot Sooty Mold. Leaf Blotch	75-15 lbs	Applications should be at pre-pollination stages when the young leaves are unfolding and a second application made when the small nuts are forming Repeat at 2-4 week intervals as needed To maintain control use lower rate for first two applications or until disease becomes severe, or during dry weather Use higher rate during wet weather or during severe disease infections	Do not apply after shucks have started to open Do not graze dairy or meat animals in treated areas Du-ter may be applied in combination with emulsifiable concentrate or wettable powder insecticides
CARROTS Cercospora Leafspot Alternaria blight	4-8 oz	Applications should begin 6 weeks after planting or as soon as first signs of disease appear Continue at 7-day intervals or as needed for control	Do not use tops as feed for livestock Do not add surfactants spreaders or stickers to sprays Do not graze dairy or meat animals in treated areas Do not apply within 14 days of harvest
PEANUTS Cercospora leafspot (& Spider Mite Sup- pression)	5-8 oz	Application should begin approximately 6 weeks after planting or as first signs of leafspot appear Spray applications should continue on a 10-14 day schedule	Do not allow hogs to feed on peanuts in treated fields Do not use vines as feed Do not graze dairy or meat animals in treated fields Do not add surfactants, spreaders or stickers to sprays Do not mix with emulsifiable concentrate or liquid formulations Do not apply within 14 days of harvest

