

DUTER Flowable 30

# DU-TER<sup>®</sup>

FLOWABLE 30

ACCEPTED

JAN 30 1984

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 400-163

## UNIROYAL

### 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. Avoid contact with or inhalation of spray mist. Avoid contamination of food-stuffs 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.

**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** — Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

### COMPOSITION

Active Ingredient* (% by weight)	
Triphenyltin hydroxide*	19.7%
Inert Ingredients:	80.3%
TOTAL:	100.0%

\*Contains 30 oz. triphenyltin hydroxide per gallon.

Manufactured or sold under one or more of the following U.S. Patents: 3,113,069, 3,140,977; 3,268,395, 3,445,575; and other Patents Pending

KEEP OUT OF REACH OF CHILDREN

## DANGER

### 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. 400-163  
EPA EST. NO.

9-22-83

Lot. No.

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NET WEIGHT

## DUTER Flowable 30

### DIRECTIONS FOR USE

#### MIXING

Before adding DU-TER FLOWABLE-30 to the spray tank, partially fill with water. Add the desired amount of DU-TER FLOWABLE-30 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 a wettable powder product place the wettable powder in partially filled tank first, if a liquid, add DU-TER FLOWABLE-30 to tank first. 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 solid-set 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 FLOWABLE-30, mix desired amount of product for acreage to be covered (see chart for rates per acre, timing, stages or growth and other information) into quantity of water used during prior calibration and operate entire system for amount of time established during calibration. DU-TER FLOWABLE-30 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 FLOWABLE-30 has been cleared from the last sprinkler head. Refer to dye method of timing 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 FLOWABLE-30, 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 revolution of the field.
5. If irrigation is to be stopped after DU-TER FLOWABLE-30 has been applied, shut off the injection equipment after treatment is completed and continue to operate irrigation system until DU-TER FLOWABLE-30 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 FLOWABLE-30 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.

RED  
CLIP

**DUTER Flowable 30**

**CONVERSION CHART**  
1 Gallon = 128 Ounces

<b>DUTER W.P.</b>	<b>DUTER FLOWABLE 30</b>
3.9 pounds	1 gallon
1.9 pounds	1/2 gallon
1.0 pounds	1 quart
24 dry ounces	48 fluid ounces
12 dry ounces	24 fluid ounces
10 dry ounces	20 fluid ounces
9 dry ounces	18 fluid ounces
8 dry ounces	16 fluid ounces
7 dry ounces	14 fluid ounces
6 dry ounces	12 fluid ounces
5 dry ounces	10 fluid ounces
4 dry ounces	8 fluid ounces
3 dry ounces	6 fluid ounces
1 gallon treats approximately the following number of acres:	
Pecans	6-18 acres per gallon
Potatoes	6-12 acres per gallon
Sugar Beets	6-16 acres per gallon
Carrots	8-16 acres per gallon

**USE CHART**

40-163

CROP/DISEASE	RATE/A	REMARKS	PRECAUTIONS
SUGARBEETS Leafspot (Cercospora beticola)	8-20 fl 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	10-20 fl oz (12-20 fl oz - 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	24-48 fl oz	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	8-13 fl 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 leaf spot ( & Spider Mite Suppression)	10-16 fl oz irrigation system application ONLY Do not use through ground or aerial application	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.

4-11-83

DU-TER  
Explanation of Proposed Changes

Label Format: Each product has been put into the new Uniroyal format with label text oriented on 11" paper.

PR Notice 83-3: "Storage and Disposal" statements have been revised as required under PR Notice 83-3.

Directions for Use: Under "Mixing", the statement "and dispose of washings by burying away from water supplies" has been deleted and replaced with "If rinsate cannot be used according to label instructions, contact the nearest EPA regional office for guidance in disposal".

Use Chart: Under "Rate/A", "Potatoes" and "Pecans" the gallons per acre of solution has been deleted since it has already been expressed under the heading "Application Methods". In addition, the pecan rate exceeds the per acre rate if expressed in "per 500 GPA" terms and only confuses the user.

Under the "Remarks" heading beside "Potatoes" the following statement has been added: "Full coverage of foliage is necessary for best results".

Please note that products 400-160 and 400-161 are identical formulations except for the water soluble packaging of 400-160.

We will address PR Notice 83-2 (farmworker safety) in a subsequent submission.