

**GENERAL INFORMATION**

Instemul is a broadleaf weed control concentrate. It is used for the control of broadleaf weeds in lawns, parks, and other areas where a clean, well-maintained appearance is desired. It is effective against many common broadleaf weeds, including dandelions, clover, and chickweed. Instemul is easy to apply and does not harm grasses or other desirable plants.

Instemul is a selective herbicide. It kills broadleaf weeds without harming grasses or other desirable plants. It is safe for use on lawns, parks, and other areas where a clean, well-maintained appearance is desired. Instemul is easy to apply and does not harm grasses or other desirable plants.

**WARNING**

Instemul is a broadleaf weed control concentrate. It is used for the control of broadleaf weeds in lawns, parks, and other areas where a clean, well-maintained appearance is desired. It is effective against many common broadleaf weeds, including dandelions, clover, and chickweed. Instemul is easy to apply and does not harm grasses or other desirable plants.

**CAUTION**

Instemul is a broadleaf weed control concentrate. It is used for the control of broadleaf weeds in lawns, parks, and other areas where a clean, well-maintained appearance is desired. It is effective against many common broadleaf weeds, including dandelions, clover, and chickweed. Instemul is easy to apply and does not harm grasses or other desirable plants.

U S D A Reg No 2738 45

# INSTEMUL

ACCEPTED  
 2738-45  
 APR 13 1968  
 FEDERAL INSECTICIDE  
 AND FUNGICIDE ACT  
 REGULATORY REGISTER-  
 SUBJECT  
 COMMENTS

## DTA 66 CONCENTRATE FOR BROADLEAF WEED CONTROL

**HERBICIDE**  
**CAUTION:** KEEP OUT OF REACH OF CHILDREN. SEE LEFT PANEL FOR OTHER CAUTIONS  
 Contains 1.5 pounds of 2,4-Dichlorophenoxyacetic Acid (2,4-D) equivalent and 1.5 pounds of 2,4,5-Trichlorophenoxyacetic Acid (2,4,5-T) equivalent per gallon



**FORMULATION**

Active Ingredients	
N,N-Dimethyl-O-ethyl-inolyl-Amine Salt of 2,4-Dichlorophenoxyacetic Acid	36.2%
Equivalent to 17.6% of 2,4-Dichlorophenoxyacetic Acid	
N,N-Dimethyl-O-ethyl-inolyl-Amine Salt of 2,4,5-Trichlorophenoxyacetic Acid	32.8%
Equivalent to 17.6% of 2,4,5-Trichlorophenoxyacetic Acid	
Inert Ingredients	32.8%
<b>Total</b>	<b>100.0%</b>

**STULL CHEMICAL COMPANY**  
 3400 NACOGDOCHES ROAD • P. O. BOX 6386 • SAN ANTONIO, TEXAS 78209

# INSTEMUL

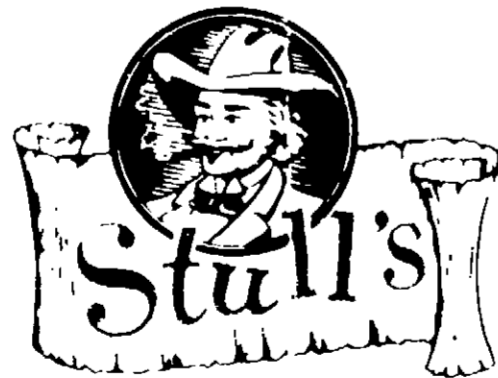
**ACCEPTED**  
 2738-45  
 APR 13 1968  
 U.S. DEPARTMENT OF AGRICULTURE  
 FEDERAL INSECTICIDE  
 FUNGICIDE AND RODENTICIDE ACT  
 FEDERAL TOXIC POISON REGISTER-  
 ED PRODUCT NO. 100-100000 SUBJECT  
 TO ATTACHED COMMENTS.

## DTA 66 CONCENTRATE FOR BROADLEAF WEED CONTROL

### HERBICIDE

**CAUTION:** KEEP OUT OF REACH OF CHILDREN. SEE LEFT PANEL FOR OTHER CAUTIONS

Contains 15 pounds of 2,4-Dichlorophenoxyacetic Acid (2,4-D) equivalent and 15 pounds of 2,4,5-Trichlorophenoxyacetic Acid (2,4,5-T, equivalent per gallon



### FORMULATION

Active Ingredients	
N,N-Dimethyl Oleyl-linoleyl Amine Salt of 2,4-Dichlorophenoxyacetic Acid	36.2%
Equivalent to 17.6% of 2,4-Dichlorophenoxyacetic Acid	
N,N-Dimethyl Oleyl-linoleyl Amine Salt of 2,4,5-Trichlorophenoxyacetic Acid	31.9%
Equivalent to 17.6% of 2,4,5-Trichlorophenoxyacetic Acid	
Inert Ingredients	32.8%
<b>Total</b>	<b>100.0%</b>

### DIRECTIONS

INSTEMUL DTA 66 may be applied by either of the following methods:

**1. Foliar Spray:** Mix 1 quart of INSTEMUL DTA 66 concentrate with 100 gallons of water. Spray the weeds in the direction of the wind. The spray should be applied to the upper surface of the leaves. The spray should be applied to the weeds in the direction of the wind. The spray should be applied to the weeds in the direction of the wind. The spray should be applied to the weeds in the direction of the wind.

**2. Soil Application:** Mix 1 quart of INSTEMUL DTA 66 concentrate with 100 gallons of water. Apply the mixture to the soil around the base of the weeds. The mixture should be applied to the soil around the base of the weeds. The mixture should be applied to the soil around the base of the weeds.

**GENERAL WEED AND GRASS CONTROL:**  
 Application rate of 1 quart of INSTEMUL DTA 66 concentrate per acre is suggested depending on weed and grass density, height and stage of growth. Apply INSTEMUL DTA 66 to the spray tank. Use the stated amount of fuel. At least 1 part of fuel to 1 part of concentrate should be used with 100 parts of water. For each part of concentrate, the water should be 100 parts of water. The water should be 100 parts of water. The water should be 100 parts of water.

Best results are obtained if spraying is done when weeds are in the early stages of growth with soil surface free of dry grass. Weeds should be sprayed in the morning or evening. Wind should be light and calm. Do not spray on windy days. Do not spray on wet foliage. Do not spray on wet soil. Do not spray on wet soil.

**WEED TREATING:**  
 For treating weeds, use 1 quart of INSTEMUL DTA 66 concentrate per acre. For treating weeds, use 1 quart of INSTEMUL DTA 66 concentrate per acre. For treating weeds, use 1 quart of INSTEMUL DTA 66 concentrate per acre. For treating weeds, use 1 quart of INSTEMUL DTA 66 concentrate per acre.

**GRASS CONTROL:**  
 For controlling grass, use 1 quart of INSTEMUL DTA 66 concentrate per acre. For controlling grass, use 1 quart of INSTEMUL DTA 66 concentrate per acre. For controlling grass, use 1 quart of INSTEMUL DTA 66 concentrate per acre. For controlling grass, use 1 quart of INSTEMUL DTA 66 concentrate per acre.

### NOTICE

Do not use this product on crops or plants that are sensitive to 2,4-D or 2,4,5-T. Do not use this product on crops or plants that are sensitive to 2,4-D or 2,4,5-T. Do not use this product on crops or plants that are sensitive to 2,4-D or 2,4,5-T.

**STULL CHEMICAL COMPANY**  
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## GENERAL INFORMATION

INSTEMUL DTA 66 is a specially designed herbicide formulation for use in the STILL BIFLUID SYSTEM. It produces a water-in-oil emulsion instantaneously when mixed with water in Bifluid Spray equipment. The active ingredients are oil soluble amine salts of 2,4-D and 2,4,5-T which reduce hazards associated with vaporization.

INSTEMUL DTA 66 is intended for use in control of many weeds and brush in non-crop areas such as industrial right-of-way, fence rows, roadsides, plow sites and similar areas. It is also useful as a weed control agent in pasture areas and in control of broadleaf weeds in rice. Among the types of noxious plants controlled are the following:

Blackberry	Hickory	Ragweed
Bar Rogweed	Indigo	Sagebrush
Cocklebur	Mocattine, Rose	Salt Cedar
Coffaweed	Mesquite	Sand Shiner
Cottonwood	Mexican weed	Sunflower
Curly Indigo	Oak	Sweetgum
Dryland Willow	Perennial	Tan-Vine
Duck Salad	Robinbrush	Wulfe
Hawthorn		

INSTEMUL DTA 66 incorporates Still's special emulsifying, spreading and sticking agents and the water-in-oil emulsion formed during spraying adheres well to plant surfaces promoting absorption of the herbicides.

### WARNING

Destroy container, perforate, crush and bury in a safe place. Do not attempt to reuse this container for other purposes. Do not cut or weld this container, or any other contaminated equipment with acetylene or arc welding equipment.

DO NOT apply INSTEMUL DTA 66 directly to desirable plants which are sensitive to 2,4-D and 2,4,5-T such as cotton, tobacco, vegetables, flowers or fruit trees. Also, do not permit spray droplets to drift onto such plants as minute quantities of the spray may cause damage.

DO NOT contaminate water in irrigation ditches, water used for domestic purposes, feed or foodstuffs. This product is toxic to fish.

DO NOT store this product near fertilizers, seeds, insecticides, or fungicides.

DO NOT use equipment contaminated with this product for spraying other chemicals such as insecticides, fungicides, or other agricultural products, unless it has been thoroughly cleaned. If equipment is to be used for other purposes, it should be thoroughly washed with a hot detergent solution followed by soaking and washing with ammonia and tested for residual contamination prior to use.

### CAUTION

KEEP OUT OF REACH OF CHILDREN. This product may cause skin irritation, avoid contact with skin, eyes, nose, mouth or clothing. Contact with eyes, flush with plenty of water. If you get medicine, attention. Harmful if swallowed.

Use only those spray devices which are approved for herbicide use with the STILL BIFLUID SYSTEM.

As temperatures of water or a chemical increase, it may be necessary to reduce water to oil ratio in order to produce the characteristic thickened emulsion.

U. S. D. A Reg. No. 2738-45

Net Contents

# INSTEMUL

ACCEPTED

2738-45

APR 13 1968

REGISTERED UNDER THE FEDERAL INSECTICIDE, FUNGICIDE AND RODENTICIDE ACT. THIS PRODUCT IS POISON. REGISTERED UNDER FEDERAL INSECTICIDE, FUNGICIDE AND RODENTICIDE ACT. SUBJECT TO ATTACHED COMMENTS.

## DTA 66

### CONCENTRATE

FOR BROADLEAF WEED CONTROL

### HERBICIDE

CAUTION: KEEP OUT OF REACH OF CHILDREN. SEE LEFT PANEL FOR OTHER CAUTIONS

Contains 1.5 pounds of 2,4-Dichlorophenoxyacetic Acid (2,4-D) equivalent and 1.5 pounds of 2,4,5-Trichlorophenoxyacetic Acid (2,4,5-T) equivalent per gallon



### FORM

Active Ingredients:  
N,N-Dimethyl Oleyl-1  
of 2,4-Dichlorophenoxyacetic Acid  
Equivalent to 17.6  
Dichlorophenoxyacetic Acid  
N,N-Dimethyl Oleyl-1  
of 2,4,5-Trichlorophenoxyacetic Acid  
Equivalent to 17.6  
Trichlorophenoxyacetic Acid  
Inert Ingredients

## STULL CHEMICAL COMPANY

3400 NACOGDOCHES ROAD • P. O. BOX 6386 • SAN ANTONIO, TEXAS 78202

# STEMUL

## DTA 66 CONCENTRATE FOR BROADLEAF WEED CONTROL

**IDE**  
REACH OF  
LEFT PAN-  
CAUTIONS

noxyacetic Acid  
of 2,4,5- Trich-  
alent per gallon



### FORMULATION

Active Ingredients:	
N,N-Dimethyl Oleyl-linoleyl Amine Salt of 2,4-Dichlorophenoxyacetic Acid	36.2%
Equivalent to 17.6% of 2,4- Dichlorophenoxyacetic Acid	
N,N-Dimethyl Oleyl-linoleyl Amine Salt of 2,4,5-Trichlorophenoxyacetic Acid	31.0%
Equivalent to 17.6% of 2,4,5- Trichlorophenoxyacetic Acid	
Inert Ingredients	32.8%
	<hr/>
Total	100.0%

### DIRECTIONS

STEMUL DTA 66 may be applied by either aerial application or ground application using the STULL BIFLUID SYSTEM.

This formulation is especially tailored for use in the Bifluid System and chemical and water should not be mixed in any way before use. Properly diluted STEMUL DTA 66 is placed in one storage or supply tank of the equipment and water in the other.

In the STULL BIFLUID SYSTEM, orifice inserts for flow control are required for the chemical and water phases in accordance with the ratio requirements and as indicated and as shown in the equipment operating instructions.

Application of this herbicide should be made during periods of little or no wind movements with all due precaution as to proximity of susceptible or desirable plants.

#### GENERAL WEED AND BRUSH CONTROL

Application rate: 1 1/2 parts to 1 gallon of STEMUL DTA 66 per acre are suggested depending on weed and brush density, height and species. For the purpose of spraying STEMUL DTA 66 in the supply tank, it should be diluted at a ratio of at least 1 part chemical to 1 part diesel fuel oil and diluted with up to 7 parts diesel oil to each part of chemical. This will enable the operator to control concentration of the spray. Thus diluted the chemical and diesel oil should be mixed with water by the fluid equipment and sprayed at volumes of 4 to 70 gallons per acre as required for adequate coverage.

Best results are obtained if spraying is done when weeds and brush are in a rapid state of growth and when foliage is fully developed. Adequate weather conditions are necessary for optimum results.

Do not allow dairy animals to graze treated pastures within 7 days after treatment.

#### STEM TREATING

For stem application to woody plants may be carried out at any season of the year with STEMUL DTA 66 in much the same manner as conventional basal treating. STEMUL DTA 66 should be diluted at a ratio of 1 part chemical to 7 parts diesel oil. This oil solution mixed with water in fluid equipment at an approximate 1 part oil to 9 parts water ratio should be sprayed on the main and branching stems of the brush to be treated to obtain thorough coverage.

#### WEED CONTROL IN RICE

Treat during later to post stages 6 to 9 weeks after seeding with an aerial application of 1/6 to 1/3 gallon (1.2 to 1 pound combined acid equivalent of properly diluted STEMUL DTA 66 per acre. Where a variety of various weeds including curly widgeo, cogon grass, meadow weed, duck salad and others are present, 1/4 to 1/3 gallon (3/4 to 1 pound combined acid equivalent of STEMUL DTA 66 per acre is suggested.

For best control, field should be drained before spraying and flooded 4 to 5 days later.

#### NOTICE

For further information consult your farm advisor, Experiment Station or write Stull Chemical Company.

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# CHEMICAL COMPANY

ROAD • P. O. BOX 6386 • SAN ANTONIO, TEXAS 78209