



SPECIMEN LABEL

# SODIUM TCA SOLUTION

## GRASS KILLER

FOR THE CONTROL OF GRASS SEEDLINGS AND CERTAIN ESTABLISHED PERENNIAL GRASSES SUCH AS JOHNSONGRASS, BERMUDAGRASS, QUACKGRASS AND OTHERS

Active Ingredient: Sodium Trichloroacetate (Trichloroacetic Acid Equivalent 41.5%) 47.0%  
Inert Ingredients 53.0%  
Contains 5.4 pounds of Sodium Trichloroacetate per gallon  
Contains Sodium Nitrite  
U.S.D.A. Registration No. 464 115

### GENERAL INFORMATION

DOW SODIUM TCA SOLUTION is used to control grasses in areas such as roads, driveways, parking lots, and around buildings, lawns, golf courses, and airports. At airports, it may be used to suppress grasses in certain areas where permanent lawns are not desired. It is also used on top areas of show grounds. **SELECTIVE USES**

DOW SODIUM TCA SOLUTION can be used with Dow herbicides such as 2,4-D, MCP and dinitro weed killers to extend the range of weeds controlled. To avoid precipitation when using combination sprays, do not use a concentration greater than 1% of sodium DOW SODIUM TCA SOLUTION in 10 gallons of water with 2,4-D type Weed Killer. In such sprays mix DOW SODIUM TCA SOLUTION and water, then add the 2,4-D type Weed Killer. Although it may be applied either to foliage or to the ground, it acts mostly through the underground parts of plants.

### DIRECTIONS

DOW SODIUM TCA SOLUTION works best when soil is moderately moist. Application immediately after plowing or cultivating helps in controlling established perennial grasses. A light rain on newly treated soil is helpful, but heavy rainfall may leach the chemical out of the top soil, causing poor grass control. Retreatment may be necessary if grass is not killed or if new grass comes up.

**TO PREPARE A SPRAY:** Mix one gallon of DOW SODIUM TCA SOLUTION in 5 or more gallons of water. DOW SODIUM TCA SOLUTION will mix readily with moderate agitation. Spray may be applied to foliage or directly onto the soil, but it is best to cut and remove tall grass before spraying. Don't burn sprayed grass, as this may reduce the effectiveness of the treatment.

### NONSELECTIVE TREATMENT

To control most grasses, a spray of DOW SODIUM TCA SOLUTION may be used on the soil. High temperatures and high humidity may increase the effectiveness of the spray. A light rain after spraying will help the chemical penetrate the soil. Do not spray on a hot, dry day.

**JOHNSONGRASS:** Apply from 8 to 16 gallons per acre. The best time to apply is late fall or early spring when good results may be obtained with as little as 12 gallons per acre.

**BERMUDA(Manieie)GRASS:** Apply from 8 to 16 gallons per acre. The best time to apply is late fall or early spring when good results may be obtained with as little as 12 gallons per acre.

**PHRAGMITES (Phume Grass):** In areas of summer rainfall, apply 14 to 24 gallons per acre in midsummer or immediately after removal of the growth of treatment. Delayed application in winter may result in the spray being covered by snow. Early winter sprays have a better effect.

**QUACKGRASS:** For undisturbed grass apply from 12 to 16 gallons of DOW SODIUM TCA SOLUTION per acre. If it is applied right after plowing and cultivating, less is needed. As little as 6 to 8 gallons per acre may be enough.

**GRASS SUPPRESSION AND SEEDLING GRASS CONTROL:** Apply 1 to 2 gallons per acre to suppress grass growth without killing the grass. This works well on northern grasses such as bluegrass and quackgrass just before heading. Repeat as necessary. This also controls young grass seedlings, and will prevent new seedling emergence for some time. The use of 1 to 2 quarts of FORMULA 40\* weed killer per acre will help control non-grass weeds which are usually present.

### SELECTIVE USES

**SUGAR BEETS:** For control of certain grasses, such as quackgrass, yellow foxtail, etc., use 1 to 2 gallons per acre. Preferably use 1 to 2 quarts per acre of water. Apply to the ground after the plants are established. **Caution:** Do not spray on the leaves and unattached parts.

**SUGAR CANE:** For grass control, use 1 to 2 gallons per acre. Apply to the ground immediately after cutting. Do not spray on the leaves. For control of grasses, use 1 to 2 quarts per acre. For control of grasses, use 1 to 2 quarts per acre. For control of grasses, use 1 to 2 quarts per acre.

**NOTICE:** See warranty that the product conforms to its chemical description and is suitable for the purposes stated on the label, when used in accordance with the directions and conditions of use. But neither this warranty nor the warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE extends to the use of this product under conditions not intended by the manufacturer. Under abnormal conditions of use, the product may be used for purposes other than those intended by the manufacturer.

## USE PRECAUTIONS

**To Avoid Plant Injury:** 1. Do not apply DOW SODIUM TCA SOLUTION on or near useful plants or to land on top of which crops are to be raised. 2. Do not use on lawns or similar closely mowed turf. 3. Do not use DOW SODIUM TCA SOLUTION on irrigated water. Sodium Trichloroacetate in the soil may inhibit seed germination and plant growth for 60 days or more; the length of time will depend on soil type, soil moisture content and especially on the amount of rain.

Do not allow animals to graze treated areas for at least 24 hours after treatment.

Dispose of empty containers by burying in non-crop lands away from water supplies.

Local conditions may affect the use of herbicides. State Agricultural experimental stations or extension weed specialists in many states issue recommendations to fit local conditions.

## WARNING

**KEEP OUT OF THE REACH OF CHILDREN  
IRRITATING TO SKIN AND EYES  
CAUSES BURNS ON PROLONGED CONTACT  
HARMFUL IF SWALLOWED  
Avoid Breathing Spray Mist • Do Not Get in Eyes,  
on Skin, or on Clothing or Shoes**

In case of contact, immediately flush skin or eyes with plenty of water for at least 15 minutes; for eyes, get medical attention. Remove contaminated clothing and wash before re-use.

STORE IN COOL PLACE BUT DO NOT  
SUBJECT TO SUB-FREEZING TEMPERATURES

## THE DOW CHEMICAL COMPANY

AND SUBSIDIARIES  
MIDLAND MICHIGAN 48640 USA ZÜRICH SWITZERLAND HONG KONG BRITAIN  
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LOT MM

GALLONS