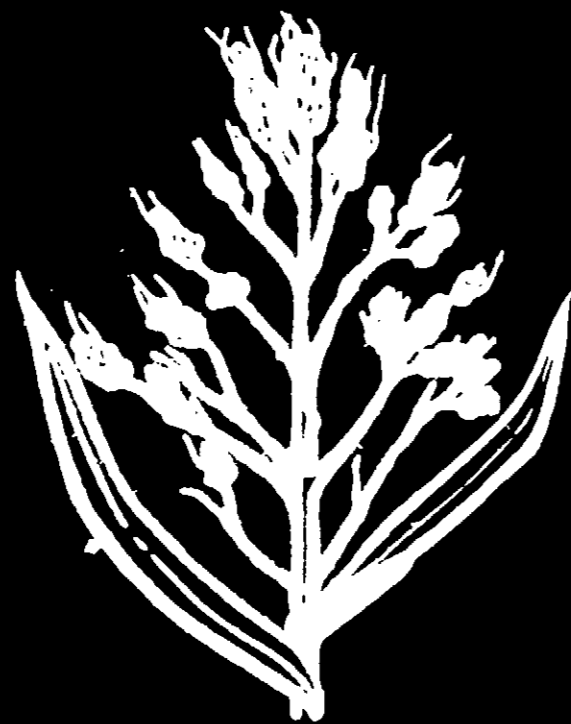




**ODNUMTCA**

7-1-1972



JOHNSONGRASS



QUACKGRASS



BERMUDAGRASS

35 LB / 15.9 KG

# contains a corrosion inhibitor

## GENERAL INFORMATION

DOW SODIUM TCA INHIBITED grass killer may be used on non-crop areas such as along drainage ditch banks, headlands (turn-rows) right-of-ways, fence rows and roadsides; and in industrial areas, oil tank farms, substations, parking lots and airfields. At lower rates it may be used to suppress, rather than kill, certain grasses in these areas where permanent cover is needed.

It may also be used selectively in certain crops.

DOW SODIUM TCA INHIBITED can be used with other Dow weed killers such as FORMULA 40 ESTERON and KURON herbicides, to extend the range of weeds controlled. To avoid precipitation, when using combination sprays, do not use a concentration greater than 8 pounds of DOW SODIUM TCA INHIBITED in 10 gallons of spray mixture.

DOW SODIUM TCA INHIBITED is usually applied as a water spray. Although it may be applied either to foliage or to the ground, it acts mostly through the underground parts of plants.

## DIRECTIONS

**APPLICATION:** Use one or more gallons of water for each pound of DOW SODIUM TCA INHIBITED. Run the spray tank agitator until the chemical is dissolved. Use of paddle agitation often is necessary for adequate and complete solubility. Often it is best to pre-mix DOW SODIUM TCA INHIBITED in a separate tank so that there is no delay in getting the material in solution when the spray tank is filled. Spray may be applied to foliage or directly onto the soil, but it is best to cut and remove tall grass before spraying. Do not burn sprayed areas, as this may reduce effectiveness of treatment.

## NONSELECTIVE TREATMENT

To control infestations of Bermudagrass, Johnsongrass, pangrass, quackgrass, hilograss, torpedograss and phragmites DOW SODIUM TCA INHIBITED may be used on non-crop areas such as drainage ditch banks, headlands, (turn-arounds), rights-of-way, fence rows, roadsides, and in industrial and service areas including oil tank farms, substations, parking lots and airfields. At lower rates it may be used to suppress, rather than kill certain grasses in those areas where some permanent vegetative cover is needed. For best results it is necessary to have some rainfall soon after application. To control the various grasses apply at anytime the ground is not frozen and prior to heading of the grass using the following rates in enough spray mixture to give thorough coverage.

**BERMUDA(Manienie)GRASS:** Apply from 50 to 100 pounds per acre. (In Hawaii use 100 to 150 pounds per acre.)

**JOHNSONGRASS:** Apply from 100 to 150 pounds per acre. The best time to apply is in

## SELECTIVE USES

**SUGAR BEETS:** For certain spring annual grasses such as green and yellow foxtail, use 6 to 9 pounds of DOW SODIUM TCA INHIBITED per acre, in 10 gallons or more of water. Apply as a pre-emergence spray soon after planting. **CAUTION:** Do not use tops for food or animal feed purposes.

**SUGAR CANE:** For Johnsongrass seedlings, apply in accordance with local recommendations. From 10 to 30 pounds per acre has given good results as a pre-emergence or early postemergence spray. For band or row use, the spray should be mixed to the same strengths as for overall spray, but apply amounts proportionate to area actually treated.

**GLADIOLUS:** Use 6 to 9 pounds per acre in enough water for even coverage. Apply as a pre-emergence or directed postemergence spray. This will control germinating and very young grass seedlings.

## IMPORTANT

**To Avoid Plant Injury:** (1) Do not apply DOW SODIUM TCA INHIBITED on or near useful plants or to land in crops except as directed above or in accordance with specific local recommendations. (2) Do not use it on lawns or similar closely mowed turf. (3) Do not let DOW SODIUM TCA INHIBITED get into irrigation 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.

To minimize corrosion of equipment **DO NOT** flush out with water after each use because this product contains rust inhibitor. However, prior to long-term storage of equipment, flushing with plenty of clean water is suggested.

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

Dispose of empty containers by burning or burying in non-croplands away from water supplies.

**NOTICE:** Seller warrants that the product conforms to its chemical description and is reasonably fit for the purpose stated on the label when used in accordance with directions 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 in any condition not reasonably foreseeable to seller, and buyer assumes the risk of any such use.

## WARNING

**APPLICATION:** Use one or more gallons of water for each pound of DOW SODIUM TCA INHIBITED. Run the spray tank agitator until the chemical is dissolved. Use of paddle agitation often is necessary for adequate and complete solubility. Often it is best to pre-mix DOW SODIUM TCA INHIBITED in a separate tank so that there is no delay in getting the material in solution when the spray tank is filled. Spray may be applied to foliage or directly onto the soil, but it is best to cut and remove tall grass before spraying. Do not burn sprayed grass, as this may reduce effectiveness of treatment.

### NONSELECTIVE TREATMENT

To control infestations of Bermudagrass, Johnsongrass, paragrass, quackgrass, hilograss, torpedograss and phragmites, DOW SODIUM TCA INHIBITED may be used on non-crop areas such as drainage ditch banks, floodlands, farm grounds, rights-of-way, fence rows, roadsides, and in industrial and service areas including oil tank farms, substations, parking lots and airfields. At lower rates it may be used to suppress, rather than kill certain grasses in those areas where some permanent vegetative cover is needed. For best results it is necessary to have some rainfall soon after application. To control the various grasses apply at anytime the ground is not frozen and prior to heading of the grass using the following rates in enough spray mixture to give thorough coverage.

**BERMUDA(Manienie)GRASS:** Apply from 50 to 100 pounds per acre. (In Hawaii use 100 to 150 pounds per acre.)

**JOHNSONGRASS:** Apply from 100 to 150 pounds per acre. The best time to apply is in late fall or early spring when good results may be obtained with as little as 75 pounds per acre.

**PARA(Tall Panicum)GRASS:** Apply from 75 to 125 pounds per acre.

**PHRAGMITES (Plume Grass):** In areas of summer rainfall, apply 150 to 200 pounds per acre in midsummer, immediately after removal of top growth. If treatment is delayed, adding 5% of an emulsifiable oil to the spray may improve control, particularly if new sprouts have appeared.

**QUACKGRASS:** For undisturbed grass, apply from 75 to 100 pounds of DOW SODIUM TCA INHIBITED per acre. If it is applied right after plowing and cultivating, less is needed. As little as 40 to 50 pounds per acre may be enough.

**TORPEDOGRASS, HILOGRASS:** Apply from 100 to 150 pounds per acre.

**GRASS SUPPRESSION AND SEEDLING GRASS CONTROL:** Apply 7 to 15 pounds per acre to suppress 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. **For spot treatment** use 1 pound of DOW SODIUM TCA INHIBITED in 1 gallon of water and spray to thoroughly wet grass.

### PAVEMENT MAINTENANCE

**Areas to be Surfaced:** To prevent the emergence of plant through new pavement, use DOW SODIUM TCA INHIBITED at the rate of 24 pounds per foot-mile (200 lb. per acre). DOW SODIUM TCA INHIBITED should be applied to the base material just prior to application of the prime coat. The spray pattern should overlap any existing pavement approximately 6 inches and extend only as far as paving will be applied. Surface should not be broomed or disturbed after application.

**Grasses and Weeds in Existing Pavement:** Established Bermudagrass and seedlings of many other grasses and weeds can be controlled with DOW SODIUM TCA INHIBITED at the rate of 24 pounds per foot-mile (200 lb. A). Application can be made at beginning of growth in the spring or at anytime the plants are actively growing. Repeat treatment when regrowth becomes a problem. Spray patterns should extend 6 inches beyond infested pavement and particular care should be given to treat the pavement seams.

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

To minimize corrosion of equipment **DO NOT** flush out with water after each use because this product contains rust inhibitor. However, prior to long-term storage of equipment, flushing with plenty of clean water is suggested.

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

Dispose of empty containers by burning or burying in non-croplands away from water supplies.

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## WARNING

**KEEP OUT OF REACH OF CHILDREN**

**IRRITATING TO SKIN AND EYES**

**CAUSES BURNS ON PROLONGED CONTACT**

**HARMFUL IF SWALLOWED**

**Avoid Breathing Spray Mists**

**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**

**KEEP CONTAINER TIGHTLY CLOSED**

**THE DOW CHEMICAL COMPANY**

AND SUBSIDIARIES

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