

85.12.31

READ THE LABEL BEFORE USING

STANCHEM

SODIUM TCA  
GRASS AND CONIFER KILLER

IRRITATING TO SKIN AND EYES

AGRICULTURAL

WARNING          CORROSIVE

GUARANTEE:  
TCA acid equivalent present as sodium salt 83%

REGISTRATION NO.11576

PEST CONTROL PRODUCTS ACT

A DIVISION OF PPG INDUSTRIES CANADA LTD.  
60 TITAN ROAD  
TORONTO, ONTARIO  
M8Z 2J8

MONTREAL   WINNIPEG   EDMONTON   CALGARY

#### HANDLING PRECAUTIONS

1. Irritating to Skin and Eyes. Causes burns on prolonged contact. Avoid contact with Eyes, Skin, clothing or shoes.
2. Do not apply on or near useful plants except as directed above.
3. Do not use on lawns or other closely mowed turf.
4. Do not contaminate irrigation or water supplies.
5. Flush spray equipment with plenty of water immediately after use to avoid contamination of later sprays and corrosion of equipment.
6. Remove contaminated clothing and wash before reuse.

#### FIRST AID

Irritating to Skin and Eyes. Causes burns on prolonged contact. In case of contact, promptly flush skin or eyes with plenty of water for at least 15 minutes. For eyes - get medical attention.

#### CONTAINER STORAGE AND DISPOSAL

STORE IN COOL, DRY PLACE. STORE AWAY from CHILDREN and ANIMALS. STORE AWAY from food, fertilizers, feed and seed. Destroy container by crushing and dumping or burning. DO NOT REUSE.

#### NOTICE TO BUYER

Seller's guarantee shall be limited to the terms set out on the label and subject thereto. The buyer assumes the risk to persons or property arising from the use or handling of this product and accepts the product on that condition.

#### NOTICE TO USER

THIS CONTROL PRODUCT IS TO BE USED ONLY IN ACCORDANCE WITH THE DIRECTIONS ON THIS LABEL. IT IS AN OFFENCE UNDER THE PEST CONTROL PRODUCTS ACT TO USE A CONTROL PRODUCT UNDER UNSAFE CONDITIONS.

#### SELECTIVE GRASS CONTROL IN CROPS

Crop	Rate of Application kg/ha	Volume of Water L/ha	Grasses Controlled	Stage Growth for TREATMENT	
				Crop	Grasses
RAPE	3.5-6.0	110-170	Foxtail and Certain Other Grass Seedlings(1)	2-4 Leaf stage	Foxtail--Seedling to 3 Leaf Stage. Other Grasses-- Seedling Stage.
RED BEETS	4.5-6.0	110-170	Certain Annual Grass Seedlings(2)	Pre- emergence	Pre-emergence-- Seedling
FLAX	4-6.0	110-170	Foxtail and Certain Other Grass Seedlings(3)	10-15 cm high	Foxtail 1-3 Leaf Stage. Other Grasses Seedling Stage
CABBAGE CAULIFLOWER GLADIOLUS	5.5-8.5	220	Certain Annual Grass Seedlings(4)	Pre- emergence or Directed Post- emergence	Germinating-- Very Young Seedlings(4)

OATS	1.1-2.2.5 Use the Lower Rate on light soils	90-110	Foxtail and Certain Other Grass Seedlings(5)	2-4 Leaf Stage	1-3 Leaf Stage
BARLEY	1.1-2.25	90-110	Foxtail and Certain Other Annual Grasses(6)	2-4 Leaf Stage	1-3 Leaf Stage
SUGAR BEETS	4 5.5-8.5	110-170 220	Certain Annual Grass Seedlings(1)	2-4 Leaf Stage Pre- emergence	Seedling
TOMATOES (Direct seeded)	3.75-6.0	220 or more	Certain Annual Grass Seedlings(2)	2 days before crop emerges	Germinating-- Very Young Seedlings
PEAS (Not canning peas)	3.75-6.0	110-130	Certain Annual Grass Seedlings	Pea vines 10-20 cm long	Seedling Stage

#### REMARKS

- (1) Does not Control wild oats.
- (2) Apply evenly.
- (3) If MCPA is also applied - Dissolve the TCA first, then add the MCPA. Does not control wild oats.
- (4) Apply Evenly. For Post-emergence use direct the spray away from the crop.
- (5) Does not control wild oats. Do not use on oats seeded less than 5 to 8 cm. Foxtail growth will be stunted only.
- (6) Does not control wild oats. Do not use on barley seeded less than 5 to 8 cm deep. Foxtail growth will be stunted only.

#### NON-SELECTIVE TREATMENTS

COUCH GRASS CONTROL ON AGRICULTURAL LAND - Use 93 to 97 kg TCA in at least 880 L of water per hectare. (For spot treatments use 1.25 kg in 25 L per 100 square metres. Apply in spring or early summer. Till thorough with plow, one way disc or rotovator two to three weeks after application and at monthly intervals until freeze-up. A second application may be required if rainfall is heavy. Do not burn treated grass or effectiveness will be reduced. See WARNING below.

PERENNIAL GRASS SUPPRESSION AND SEEDLING GRASS CONTROL - Blue grass and couch grass growth may be effectively suppressed and seedling grasses controlled with this treatment. Use 8 to 16.5 kg TCA in a minimum of 220 L water per hectare. (50-100 gm in 1 L water per 100 sq. metres). Apply before perennial grasses begin to head. See WARNING below.

COUCH GRASS AND PHRAGMITES CONTROL ON NON-CROP LAND 93 to 97 kg TCA in 1100 to 2200 L water per hectare. Use twice the rate if residual control is desired. Apply at any time except when the ground is frozen. If grass growth is tall, cut and remove before spraying the ground. 2,4-D may be added to the spray if broad-leaved weed control is desired. Dissolve the TCA before adding 2,4-D.

#### PAVEMENT MAINTENANCE

TCA may be used on areas to be surfaced to prevent emergence of grasses through new pavement. Use 6 kg TCA in 70 L water per 30 cm kilometre (225 kg per hectare). Apply to the base material just prior to application of the prime coat. The spray pattern should overlap adjacent existing pavement by about 15 cm but should not extend on the base material beyond the area to be paved. Do not broom or disturb the surface after application.

#### PRECAUTION

Sodium TCA in the soil may inhibit seed germination and plant growth for 60 days or more. The length of time it persists in the soil depends on soil type, soil moisture content and especially the amount of rainfall.

#### GRASS AND CONIFER KILLER

STAN-CHEM SODIUM TCA can be used to selectively control certain annual grasses in a number of crops. Small patches of couchgrass may also be controlled, but crops will be damaged at the rates needed for effectiveness. Certain perennial grasses can be controlled in fields not planted to crops and non-crop land.

Spray mixes containing STAN-CHEM SODIUM TCA and 2,4-D or MCPA are useful in controlling grass and broad-leaved weeds. Care must be taken to ensure these mixtures do not endanger crops that are susceptible to either herbicide.

#### DIRECTIONS FOR USE

STAN-CHEM SODIUM TCA may be applied either to foliage or to the ground. It acts mostly through the underground parts of the plants. It works best when the soil is important. A light rain on newly treated soil is helpful. Heavy rains after treatment may leach the chemical out of the topsoil and render grass control less effective.

MIXING DIRECTIONS - Dissolve in water. Use a minimum of 10 L of water for each kilogram of TCA. Add to the spray tank during filling. Agitate continuously until dissolved. Use a sprayer equipped with paddle agitation to dissolve the TCA more readily. Or, pre-mix in a separate tank using a stirring rod.

CONIFERS - To control spruce, balsam, pine and similar conifers use 20 to 25 kg TCA in 1000 L water. Apply to foliage during the growing season. Spray all the foliage thoroughly. To control conifers and hardwoods use 15 to 20 kg TCA and a regular 2,4-D or 2,4,5-T water spray. Dissolve the TCA before adding 2,4-D or 2,4,5-T. Apply during the growing season to thoroughly wet all foliage.

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