

SLO-GRO TI

GROWTH RETARDANT FOR TREE INJECTION

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS CAUTION

Harmful if inhaled or absorbed through skin. Causes eye irritation. Avoid breathing vapors. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

ENVIRONMENTAL HAZARDS

Keep out of lakes, ponds or streams. Do not contaminate water by cleaning of equipment or disposal of wastes.

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 and disposal.

STORAGE: Store in a dry location. SLO-GRO TI is normally a solution but it may crystallize in the cold (32°F.). Gentle warming (60°F.) will redissolve any crystals. Mild agitation, such as shaking or stirring before use is recommended.

PESTICIDE DISPOSAL: Pesticide wastes are toxic. 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.

EQUIPMENT CLEANING: SLO-GRO TI is not corrosive to equipment. Following applications, all equipment should be thoroughly rinsed with water.

UNIROYAL

COMPOSITION

Active Ingredients: (% by weight)	
Potassium salt of 1,2-dihydro-3,6-pyridazinedione	33.3%
Inert Ingredients:	66.7%
Total:	100.0%

(One gallon contains 2.5 pounds as maleic hydrazide)

U.S. Patent No. 3,503,729

KEEP OUT OF REACH OF CHILDREN CAUTION STATEMENT OF PRACTICAL TREATMENT

IF IN EYES: Flush with plenty of water. Get medical attention if irritation persists.
IF ON SKIN: Wash with plenty of soap and water. Get medical attention if irritation persists.
IF INHALED: Remove to fresh air.

SEE LEFT PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENT

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Lot No.

ACCEPTED

FEB 20 1985

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 400-4624

NET CONTENTS:

**DIRECTIONS FOR USE
TO RETARD GROWTH OF TREES BY INJECTION**

GENERAL INFORMATION

SLO-GRO TI may be used to retard growth of certain broadleaf tree species along utility rights-of-way, city streets, parks, and other areas where there is a need for reducing the frequency of manual pruning. For control of growth, solutions of SLO-GRO TI are injected into the tree trunk as described below.

MIXING

Pour the amount of SLO-GRO TI indicated into a partially filled tank, then add the necessary quantity of water to complete the desired volume of solution for injection.

EQUIPMENT

Best results are obtained when the total volume of injected SLO-GRO TI is distributed evenly throughout the tree. The pressurized injection system as developed by the United States Department of Agriculture, Nursery Crops Research Laboratory, Delaware, Ohio (G. K. Brown - 1978 Journal of Arboriculture 4:7-13) has proven effective for injection of SLO-GRO TI.

APPLICATION TECHNIQUE

Trees that are 6 to 16 inches in DBH (diameter breast height) require 3 injection holes equally spaced around the tree trunk about 40 inches above the ground. Trees greater than 16 inches DBH require 6 injection holes. Drill injection holes horizontally into the trunk so that the growth regulator will be injected into the outer sapwood to facilitate rapid uptake. Injection holes should not penetrate the wood more than 2½ inches and drill size should not exceed 7/32 inch. Use injection pressures of 100 to 200 psi to achieve rapid uptake of solution. Do not exceed 200 psi.

CONCENTRATION

SPECIES	PINTS OF SLO-GRO TI IN 1 GALLON OF WATER	ml OF SLO-GRO IN 1 LITER OF WATER
Sycamore (<i>Platanus occidentalis</i>)	1½	221
London plane tree (<i>Platanus acerfolia</i>)	1½	221
Silver maple (<i>Acer saccharinum</i>)	1½	221
Eucalyptus (<i>Eucalyptus spp.</i>)	1½	221
Cottonwood (<i>Populus deltoides</i>)	2½	328
Big leaf maple	3	368

VOLUME

The volume of SLO-GRO TI solution injected is dependent upon the tree size. The total injection volume (TIV) of SLO-GRO TI solution is determined by measuring the diameter of the tree at breast height (DBH) and utilizing one of the following formulas:

	NUMBER OF INJECTION HOLES REQUIRED	TOTAL INJECTION VOLUME IN ml (TIV)	VOLUME PER INJECTION HOLE
For trees 6-16 inches DBH	3	$TIV = (DBH)^2 \times 1.59$	$\frac{TIV}{3}$
For trees greater than 16 inches DBH	6	$TIV = DBH \times 25.45$	$\frac{TIV}{3}$

TIMING

On deciduous trees, best results are obtained when winter trimmed or untrimmed trees are injected with SLO-GRO TI solution after the first flush of leaves is ¾ to fully developed and before shoot growth begins. Broadleaf evergreens may be treated during seasonal flushes of growth.

NOTES:

1. Do not inject SLO-GRO TI into drought stressed trees or trees that do not appear healthy.
2. Do not inject SLO-GRO TI into bearing fruit or nut trees or sugar maple trees tapped for sugar.

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.