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US ENVIRONMENTAL PROTECTION AGENCY OFFICE OF PESTICIDES PROGRAMS REGISTRATION DIVISION (TS-767) WASHINGTON, DC 20460  <b>NOTICE OF PESTICIDE:</b> <input checked="" type="checkbox"/> REGISTRATION <input type="checkbox"/> REREGISTRATION <i>(Under the Federal Insecticide, Fungicide,          and Rodenticide Act, as amended)</i>	EPA REGISTRATION NO. <b>64014-3</b>	DATE OF ISSUANCE NOV 2 1982
	TERM OF ISSUANCE <b>Conditional</b>	
	NAME OF PESTICIDE PRODUCT <b>Systrex/Nutrient</b>	
NAME AND ADDRESS OF REGISTRANT (Include ZIP code)  <div style="border: 1px solid black; padding: 10px; width: fit-content; margin: 0 auto;"> <p>Tree Technology Systems Inc.            1014 Rein Road            Cheektowaga, NY 14225</p> </div>		
<p><b>NOTE:</b> Changes in labeling formula differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above U.S. EPA registration number.</p> <p>On the basis of information furnished by the registrant, the above named pesticide is hereby Registered/Reregistered under the Federal Insecticide, Fungicide, and Rodenticide Act.</p> <p>A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.</p> <p>Registration is in no way to be construed as an indorsement or approval of this product by this Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.</p> <p style="text-align: center;"><b>This product is conditionally registered in accordance with Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) section 3(c)(7)(A) provided that you:</b></p> <ol style="list-style-type: none"> <li>1. Submit/cite all data required for registration/-reregistration of your product under FIFRA section 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable response required for reregistration of your product under FIFRA section 4.</li> <li>2. Add the phrase "EPA Registration No. 64014-3" to your label before you release the product for shipment.</li> <li>3. Submit one (1) copy of your final printed labeling before you release the product for shipment.</li> </ol> <p>If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product bearing the amended labeling constitutes acceptance of these conditions.</p>		
<input type="checkbox"/> ATTACHMENT IS APPLICABLE		
SIGNATURE OF APPROVING OFFICIAL		DATE

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A stamped copy of the label is enclosed for your records.

Cynthia Giles-Parker  
Product Manager (22)  
Fungicide-Herbicide Branch  
Registration Division (H7505C)

Enclosure

# SYSTREX<sup>TM</sup> / NUTRIENT

A Systemic Fungicide/Micronutrient  
Solution Administered by the **ARBOREX**  
Microinjection System



## For The Treatment of Tree Decline

Contains BAYLETON® SYSTEMIC FUNGICIDE

An Injection System Utilizing a  
Systemic Fungicide for the  
Suppression of *Fusarium spp.*  
Disease in Forest, Ornamental,  
Non Crop Bearing and Christmas Trees which  
Display Decline Symptoms

ACTIVE INGREDIENT:	1-(4-chlorophenoxy)-3,3-(dimethyl-1-(1H-1,2,4-triazol-1-yl)-2-butanone	0.88%
INERT INGREDIENTS:		99.12%
	Total	100.00%

U. S. Patent No. 3,912,752; Bayleton is a Reg. TM of Bayer AG, Germany

### KEEP OUT OF REACH OF CHILDREN CAUTION

#### STATEMENTS OF PRACTICAL TREATMENT -

In case of poisoning call a physician or poison control center. Have the patient lie down and keep quiet. **IF IN EYES:** Flush eyes with plenty of water. Call a physician if irritation persists. **IF ON SKIN:** Remove contaminated clothing and immediately wash affected area with soap and warm water. If irritation occurs get medical attention. **IF INHALED:** Remove to fresh air. If not breathing give artificial respiration, preferably mouth to mouth. Get medical attention. **IF SWALLOWED:** Call a physician or Poison Control Center immediately. Induce vomiting by giving victim 1 or 2 glasses of water and touching back of throat with finger. Repeat until vomit fluid is clear. Do not induce vomiting or give anything by mouth to an unconscious or convulsing person.  
See Side/Back Panel for Additional Precautionary Statements.

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EPA EST NO. 64014-NY-1

NET CONTENTS: Each Injection unit contains 0.0012 ounce by weight or 8 ml of 0.88% A.I. triadimefon systemic fungicide (SYSTREX<sup>TM</sup> / NUTRIENT) in a readily absorbed water soluble chelated plant food base which contains nitrogen; phosphorous; potash; iron and zinc.

**TREE TECHNOLOGY SYSTEMS INC.**  
1014 REIN ROAD - CHEEKTOWAGA, NY 142' U.S.A.

**PRECAUTIONARY STATEMENTS**  
**HAZARDS TO HUMANS AND DOMESTIC ANIMALS:**  
**CAUTION:** Causes moderate eye irritation. Avoid contact with eyes or clothing. Harmful if inhaled. Avoid breathing vapors. Protective eyewear and rubber or neoprene gloves must be worn while handling or installing injectors to prevent accidental contact with the eyes or skin. This product may cause allergic skin reactions. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash separately from household items before reuse.  
**ENVIRONMENTAL HAZARDS:**  
Do not use on crops grown for food or forage. Do not apply directly to water or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water, when disposing of equipment washwaters.

#### DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. Use only as directed for tree injection.

#### STORAGE AND DISPOSAL

Store above freezing. Do not contaminate water, food or feed by storage or disposal. **STORAGE:** Store product in its original container in a cool, dry, locked place out of reach of children. **PESTICIDE DISPOSAL:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. **Microinjection Unit; CONTAINER DISPOSAL:** Do not reuse microinjectors. Used microinjection units should be placed in the heavy-duty plastic bag which accompanies each case of injector units. The bag must be properly sealed, placed into the original shipping carton and returned freight prepaid for disposal to Tree Technology Systems, Inc. 1014 Rein Road - Cheektowaga, NY. 14225.

#### GENERAL INFORMATION

Valuable ornamental trees on golf courses, parks, and other urban or recreational areas often decline in growth due to physiological changes inflicted by *Fusarium spp.*, and nutrient deficiencies. This decline can be successfully treated and many trees can be saved by initiating a cultural / chemical program to revitalize the trees.

SYSTREX<sup>TM</sup> / NUTRIENT has, in most cases, been used successfully to suppress tree decline symptoms when used according to these label instructions on trees which exhibit early symptoms of decline, i.e. premature leaf or needle shedding, foliar yellowing, and/or branch or twig dieback. Due to the inherent difficulty of diagnosing the extent of biotic and abiotic injury incurred and expressed by declining trees, the responsibility of selecting trees for treatment is solely that of the buyer. The buyer accepts liability and responsibility for the failure of treated trees to exhibit suppression of decline symptoms. Successful foliar response to microinjection treatments has been associated with treatment applied annually for at least two years.

SYSTREX<sup>TM</sup> / NUTRIENT can be used as a very important segment of a program to revitalize these weakened trees. It is a ready-to-use fungicidal/fertilizer injection for the treatment of trees in early to mid stages of decline. It contains a liquid fertilizer "N-P-K" with chelated iron, and zinc for immediate plant up-take and triadimefon systemic fungicide for control of *Fusarium spp.*, which normally attack weakened trees. Irrigate trees during treatment.

#### HOW MICROINJECT

Use one 8 ml SYSTREX for each 3 inches of tree diameter (A.I. BAYLETON fungicide) Place microinjection unit in the trunk 1/2 inch from the trunk. The injection site should be installed on root collar. SYSTREX<sup>TM</sup> (water soluble) liquid fertilizer recovery.

Application on pines should be made when sap is flowing. **OBSERVE THE INSTALLING THE ARBOREX**

**1** Determine the number of injection points based on trunk diameter. Drill a hole at each 3 inches above the soil surface. The hole may be carefully sealed with a cork or wax point and to assure the injection solution passes through the bark, drill through the bark using "Hi-Lite" appropriate mark.

**2** Using a portable electric drill, drill a sharp, clean 11/64 inch hole at each 3 inches above the soil surface. A slight downward angle is recommended for more complete microinjection unit. Disperse a 20% solution of hour water.

**3** After reaching the proper depth, withdraw the microinjection unit carefully. The microinjection unit should be inserted around the exterior of the trunk. The portion partially completely inserted into the trunk. Placing the plastic injection cap with a plastic cap on the microinjection unit firmly in the hole. The microinjection unit is properly positioned in the hole. By striking the cap with a plastic cap, the microinjection unit is properly sealed. By striking the cap with a plastic cap, the microinjection unit is properly sealed. By striking the cap with a plastic cap, the microinjection unit is properly sealed. This procedure assists in the movement of the vascular system of the tree.