

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.	DATE OF ISSUANCE
	4-339	MAR 6 1987
	TERM OF ISSUANCE Conditional NAME OF PESTICIDE PRODUCT Bonide Root Destroyer	
NAME AND ADDRESS OF REGISTRANT (Include ZIP code)  <div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 0 auto;">           Bonide Chemical Company, Inc.            2 Warz Avenue            Yorkville, NY 13495         </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>This product is conditionally registered in accordance with FIFRA section 3(c)(7)(A) provided that you:</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.</li> <li>2. Make the labeling changes listed below before you release the product for shipment:           <ol style="list-style-type: none"> <li>a. Add the phrase "EPA Registration No. 4-339."</li> <li>b. UNDER HAZARDS TO HUMANS AND DOMESTIC ANIMALS, add the following statements:                 may cause skin sensitization in certain individuals.                Wash thoroughly with soap and water after handling.                Remove contaminated clothing and wash before reuse.</li> </ol> </li> </ol>		
<input type="checkbox"/> ATTACHMENT IS APPLICABLE		MAR 6 1987
SIGNATURE OF APPROVING OFFICIAL		

c. Add an ENVIRONMENTAL HAZARD statement as follows:

ENVIRONMENTAL HAZARD

Do not apply to water except as specified under directions.

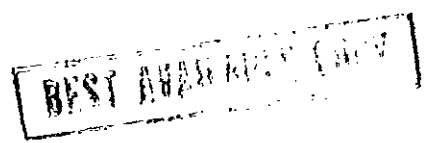
3. Submit one (1) copy of your final printed labeling before you release the product for shipment. Refer to the A-79 Enclosure for a further description of final printed labeling.

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 constitutes acceptance of these conditions.

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

Richard F. Mountfort  
Product Manager (23)  
Fungicide-Herbicide Branch  
Registration Division (TS-767C)

Enclosures



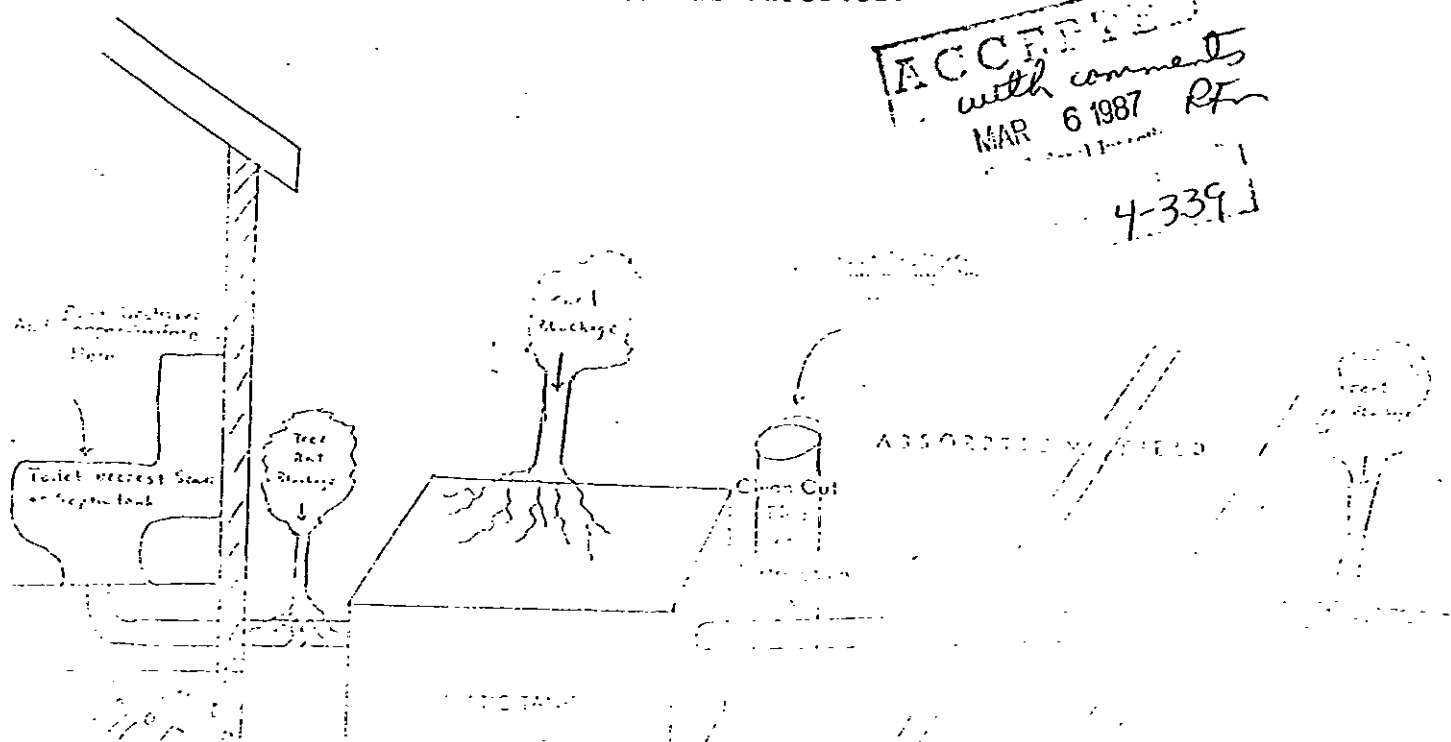
BONIDE

ROOT  
DESTROYER

DESTROYS AND PREVENTS ROOT GROWTH IN  
SEWER LINES, CESSPOOLS AND SEWER SYSTEMS

Will not damage trees, plumbing or septic  
tanks when used as directed.

ACCEPTED  
with comments  
MAR 6 1987 Rfr  
4-339



EPA Est. No. 4-NY-1      EPA Reg. No. 4-

ACTIVE INGREDIENT:  
Copper Sulfate (Pentahydrate)..... 99%  
INERT INGREDIENTS..... 1%  
(Copper expressed as metallic 25.2%)

KEEP OUT OF REACH OF CHILDREN  
DANGER  
See side panel for additional  
precautionary statements.

BEST AVAILABLE COPY

NET WEIGHT: \_\_\_\_\_ Lbs.

BONIDE RCOT DESTROYER, EPA Reg. No. 4-PRECAUTIONARY STATEMENTSHAZARDS TO HUMANS AND DOMESTIC ANIMALS - DANGER

Corrosive. Causes irreversible eye damage. Do not get into eyes. Wear goggles or face shield. May be harmful or fatal if swallowed.

## Statement of Practical Treatment

If in eyes immediately flush with plenty of water for at least 15 minutes. For eyes, call a physician.  
 If swallowed drink promptly a large quantity of milk, egg white, or gelatin solution: if these are not available, drink large quantities of water. Call a physician immediately. Avoid alcohol.  
 NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression and convulsion may be needed.

## DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

STORAGE AND DISPOSAL

Storage: Store in a cool, dry place in an area inaccessible to children or pets.  
Pesticide Disposal: Securely wrap container in several layers of newspaper and discard in trash.  
Container Disposal: Do not reuse empty container. Empty completely and discard in trash.  
 Avoid contamination of food and feed by storage and disposal.

GENERAL INFORMATION: Roots of shrubbery and trees growing near sewer lines frequently penetrate sewer lines in search of moisture and nutrients, even through extremely small cracks, holes, or poorly sealed joints. These tiny root hairs, if not controlled, will continue to grow both in diameter and number, causing tile breakage, gradual reduced flow, and frequently flow stoppage.

Make treatment when the reduced flow rate thought to be caused by root growth is first noticed. Do not delay until stoppage has occurred because a slight flow is needed to move copper sulfate crystals to root growth. When roots accumulate sufficient copper sulfate to cause death, root decay will begin and flow rate should increase in 3 to 4 weeks. Since copper sulfate treatment usually kills only those roots in the pipe, roots will regrow, requiring follow-up treatments. Generally make a treatment in the spring after plants begin to grow, with a second treatment during late summer or early fall each year, and/or any time when reduced flow possibly caused by root growth is noted. Root Destroyer is not intended to clear stoppages caused by grease or faulty pipe joints.

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BONIDE ROOT DESTROYER, EPA Reg. No. 4-

HOW TO USE ROOT DESTROYER COPPER SULFATE: In household sewers use 2 to 6 pounds of Root Destroyer twice yearly as discussed before. Add to sewer line by pouring about 1/2 pound into the toilet bowl nearest to the sewer line and flush, repeating process until recommended dose has been added, or remove cleanout plug and pour entire recommended quantity directly into the sewer line, replacing plug and flush toilet several times. Note: Do not apply copper sulfate through sink or tub drains as it will corrode these metal drains. If complete stoppage occurs, rodding may be necessary to assure some flow before treatment. If system is equipped with a septic tank, copper sulfate will be precipitated in the septic tank and little will pass into the absorption drain field. To treat drain field pipes, add 2 to 6 pounds of crystals to distribution box located between the septic tank and the drain field. If distribution box does not have an opening, it would be advisable to install a cleanout plug opening into the outlet pipe from the septic tank leading to the drain field for effective root control in the drain field pipes.

Storm Drains - Use 2 pounds of Root Destroyer Copper Sulfate per drain per year. Apply during period of light water flow. In dry weather, introduce a flow with a hose. If storm drains become almost plugs, repeat treatment 3 or 4 times at 2-week intervals.

Sewer Pumps and Force Mains - Place 2 pounds in a cloth bag at the storage well inlet. Repeat as needed.

Buyer's Warranty Limited to Label Claims.

Mfg. by BONIDE CHEMICAL CO., INC., YORKVILLE, NY 13495

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