



295

NOTIFICATION  
AUG 28 1998

PULL HERE TO OPEN ►

# Arbotect® 20-S



## FUNGICIDE

For Dutch Elm  
Disease and  
Sycamore  
Anthracnose\*

\*Do not use in California  
for Sycamore Anthracnose

Active Ingredient:

Thiabendazole: (CAS No. 148-79-8), . . .	26.6%
(equivalent to 20% 2-(4-thiazolyl) benzimidazole)	
<hr/>	
Other Ingredients:	73.4%
Total:	100.0%

KEEP OUT OF  
REACH OF  
CHILDREN.

### CAUTION

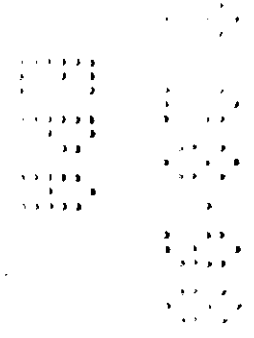
See additional precau-  
tionary statements and  
directions for use inside  
booklet.

EPA Reg. No. 100-892  
EPA Est. 39578-TX-1

NCP 892A-L1B 0798

ONE GALLON  
U.S. Standard Measure

 NOVARTIS



**DIRECTIONS FOR USE AND CONDITIONS OF SALE AND WARRANTY**

**IMPORTANT:** Read the entire Directions for Use and the Conditions of Sale and Warranty before using this product. If terms are not acceptable, return the unopened product container at once.

**CONDITIONS OF SALE AND WARRANTY**

The Directions for Use of this product reflect the opinion of experts based on field use and tests. The directions are believed to be reliable and should be followed carefully. However, it is impossible to eliminate all risks inherently associated with use of this product. Crop injury, ineffectiveness, or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application all of which are beyond the control of Novartis Crop Protection, Inc. or the Seller. All such risks shall be assumed by the Buyer.

Novartis warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the Directions for Use subject to the inherent risks referred to above. **Novartis makes no other express or implied warranty of Fitness or Merchantability or any other express or implied warranty. In no case shall Novartis or the Seller be liable for consequential, special, or indirect damages resulting from the use or handling of this product.** Novartis and the Seller offer this product, and the Buyer and user accept it, subject to the foregoing Conditions of Sale and Warranty, which may be varied only by agreement in writing signed by a duly authorized representative of Novartis.

**DIRECTIONS FOR USE**

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

**Elm Trees – 1 Year Treatment – Aids in the control of Dutch Elm Disease:**

**Preventive Treatment** – For each 5 inches of trunk diameter, inject 1 fl. oz. of Arbotect 20-S in 40 fl. oz. (1¼ qts.) of water to 2 fl. oz. of Arbotect 20-S in 80 fl. oz. (2½ qts.) of water. Use the higher levels of Arbotect 20-S under high disease pressure situations.

Preventive applications should be made when leaves approach full size, usually in late May or June.

**Therapeutic Treatment** – For each 5 inches of trunk diameter, inject 2 fl. oz. of Arbotect 20-S in 80 fl. oz. (2½ qts.) of water to 4 fl. oz. of Arbotect 20-S in 160 fl. oz. of water. Use the higher levels of Arbotect 20-S under high disease pressure situations.

Therapeutic applications should be made as soon as the current year infections are seen, usually in late June through August.

For optimum disease control, preventive treatment is recommended. When a tree shows more than 5% crown symptoms, treatment may not be effective. Treatment should be used in conjunction with an insect control and sanitation program (pruning of diseased limbs) in order to obtain best results. Trees that are 5 inches or less in diameter at chest height should not be treated.

Place injection sites as near to ground level as possible at 3 to 10-inch intervals around the trunk with a maximum hole diameter of ½ inch using a minimum of 3 or 4 equally spaced injection points per tree.

**Elm Trees – 3 Year Treatment – For Preventive and Therapeutic Treatment of Dutch Elm Diseases (Not for Use in California)**

Inject 12 fl. oz. of Arbotect 20-S for each 5 inches of trunk diameter. Dilute each 2.0 fl. oz. of Arbotect 20-S with 1 gal. of water. Inject into any exposed root flares, below ground, once every three years. The maximum diameter of the injection holes should be ½ inch. Do not use this treatment if trees are less than 10 inches in diameter. When a tree shows more than 5% crown symptoms, treatment may not be effective. Treatment should be used in conjunction with an insect control and sanitation program (pruning of diseased limbs) in order to obtain best results.

**Sycamore Trees – Aids in the Control of Sycamore Anthracnose (Not for Use in California)**

For each 5 inches of trunk diameter, inject 4 fl. oz. of Arbotect 20-S diluted with 80-160 fl. oz. of water (one part Arbotect 20-S to between 20 and 40 parts of water).

For best results, injections should be made in late summer or early fall, in each of two consecutive years. Repeat treatments may be necessary if the disease reappears.

Place injection sites at 3 to 10-inch intervals around the trunk with a maximum hole diameter of ½ inch using a minimum of 3 or 4 equally spaced injection points per tree. Injection sites may be placed in root flares at or below ground level or in the trunk as near to ground level as possible. Trees that are 5 inches or less in diameter at chest height should not be treated. If pressure injection is to be used, do not exceed 100 psi.

Do not dilute Arbotect 20-S with highly alkaline water as a precipitate may form.

Arbotect 20-S is to be used by trained arborists and others trained in injection techniques and in the identification of Dutch elm disease and sycamore anthracnose.

**STORAGE AND DISPOSAL****Prohibitions**

Do not contaminate water, food, or feed by storage or disposal. Open dumping is prohibited. Do not reuse container.

**Pesticide Disposal**

Pesticide, spray mixture, or rinsate that cannot be used according to label instructions must be disposed of according to federal, state, or local procedures under the Resource Conservation and Recovery Act.

**Container Disposal**

Triple rinse (or equivalent) then puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

For minor spills, leaks, etc., follow all precautions indicated on this label and clean up immediately. Take special care to avoid contamination of equipment and facilities during cleanup procedures and disposal of wastes. In the event of a major spill, fire, or other emergency, call 1-800-888-8372, day or night.

**PRECAUTIONARY STATEMENTS****Hazards to Humans and Domestic Animals****CAUTION**

Harmful if swallowed. May irritate skin. Avoid contact with skin or eyes.

**Statement of Practical Treatment**

*If on skin:* Wash with plenty of water.

*If in eyes:* Flush with plenty of water for at least 15 minutes and get medical attention.

*If swallowed:* Give 1 or 2 glasses of water and induce vomiting by gently touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person. Get medical attention.

**Environmental Hazards**

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 by cleaning of equipment or disposal of wastes.

Arbotect® trademark of Novartis  
U.S. Patent Nos. 3,370,957 and 3,535,331

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Novartis Crop Protection, Inc.  
Turf and Ornamental Products  
Greensboro, North Carolina 27419  
NCP 892A-L1B 0798



This booklet manufactured using post-consumer, recycled paper.

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