

ACCEPTED

AUG 31 1983

Use Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide

Product 95566

Lot

618-88

ARBOTECT® 20-S FUNGICIDE

For Dutch Elm Disease and Sycamore Anthracnose

Active ingredient:
2-(4-thiazolyl)benzimidazole hypophosphite 26.8%
(equivalent to 20% 2-(4-thiazolyl)benzimidazole)
Inert ingredients 73.4%

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

KEEP OUT OF REACH OF CHILDREN

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 or blunt object. Do not induce vomiting or give anything by mouth to an unconscious person. Get medical attention.

EPA Est. 10445-NJ-1

EPA REG. NO. 618-96-AA

See Back Panel for Directions for Use

U.S. Pat. 3,370,957 and 3,335,331

MSD AGVET
Division of MERCK & CO., INC.
Rahway, New Jersey 07065, U.S.A.

8 FL OZ (236 ml)

SPECIMEN

PRECAUTIONARY STATEMENTS - Environmental Hazards

Do not apply directly to water. Do not contaminate water by cleaning of equipment or disposal of wastes.

DIRECTIONS FOR USE

It is a violation of Federal (U.S.A.) 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 fluid ounce ARBOTECT 20-S in 40 fluid ounces (1½ quarts) of water to 2 fluid ounces ARBOTECT 20-S in 80 fluid ounces (2½ quarts) 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 fluid ounces of ARBOTECT 20-S in 80 fluid ounces (2½ quarts) of water to 4 fluid ounces of ARBOTECT 20-S in 160 fluid ounces 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 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 Disease:

Inject 12 fluid ounces of ARBOTECT 20-S for each 5 inches of trunk diameter. Dilute each 2.0 fluid ounces of ARBOTECT 20-S with 1 gallon 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:

For each 5 inches of trunk diameter, inject 4 fluid ounces of ARBOTECT 20-S diluted with 80 to 160 fluid ounces 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 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 rinse water that cannot be used according to label instructions must be disposed of according to applicable Federal, state, or local procedures.

Container Disposal—Triple rinse (or equivalent). Then dispose of in a sanitary landfill, or by incineration if allowed by state and local authorities.

General—Consult federal, state or local disposal authorities for approved alternative procedures such as limited open burning.

NOTICE TO USER. Buyer assumes all risks of use and handling which are at variance in any way with the directions hereon. There are no warranties which extend beyond the description of this label.

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08/31/1983

MERCK & CO., Inc.
Rahway, New Jersey

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