



## UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

WASHINGTON, D.C. 20460

OFFICE OF  
PREVENTION, PESTICIDES  
AND TOXIC SUBSTANCES

MAY 11 2000

Ms. Stacy Hartis  
Agent for: SureCo, Inc.  
7501 Harps Mill Road  
Raleigh, North Carolina 27615-5422

Subject: Black Leaf Vitamin B1 Solution  
EPA Registration No. 5887-169  
Your label amendment application dated April 12, 2000

Dear Ms. Hartis,

The amended labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, is acceptable provided that you:

1. Make the following changes to the label:
  - a. Change the "ENVIRONMENTAL HAZARDS" section to read exactly as follows:

"Do not apply directly to water. Do not contaminate water when disposing of equipment washwaters or rinsate."
  - b. In the "STORAGE AND DISPOSAL" section, split the "Disposal" subsection into a "Pesticide Disposal" and a "Container Disposal" subsection and add appropriate statements to each.
2. Submit one copy of your final printed labeling before you release the product for shipment.

If these conditions are not complied with, the registration may 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.

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If you have any questions about this letter, please contact John Bazuin at (703)305-7381.

Sincerely yours,

(S)

Cynthia L. Giles-Parker  
Product Manager (22)  
Fungicide Branch  
Registration Division (7505C)

Attachment: Label stamped "ACCEPTED with COMMENTS"

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### BLACK LEAF VITAMIN B1 SOLUTION

Contains Transplant Shock Preventer and Wetting Agent.

Stimulates roots. Hastens development of bare-root roses, fruit & shade trees. Benefits bedding plants. Helps plants become established quickly and insures vigorous growth.

Roses, Transplanted Flowers and Shrubs, Non-bearing Fruit Trees, Houseplants & Bedding Plants.

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<b>ACTIVE INGREDIENT:</b>	
1-Naphthalenactic Acid .....	0.10%
<b>OTHER INGREDIENTS:</b> .....	<u>99.90%</u>
<b>TOTAL:</b>	<b>100.00%</b>

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**ALSO CONTAINS NON-PLANT FOOD NUTRIENTS:**  
0.15% B1 (Thiamine Hydrochloride)  
1.00% Ethoxylated Fatty Alcohol (Biodegradable Soil Penetrant)

**KEEP OUT OF REACH OF CHILDREN  
CAUTION**

See Side Panel For Additional Precautionary Statements

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

Harmful if swallowed. Avoid contact with skin, eyes and clothing. In case of eye contact, flush eyes with plenty of water. Wash thoroughly after handling. Remove and wash contaminated clothing before reuse.

#### ENVIRONMENTAL HAZARDS

Do not apply directly to water.

#### GENERAL INFORMATION

This material contains a beneficial hormone-like chemical that stimulates the quick formation of new root hairs and revitalizes the delicate feeder roots that are often damaged in transplanting.

Vitamin B1 Solution is especially designed to hasten the development of bare-root roses, non-bearing fruit trees and shade trees and benefits bedding plants, new seedlings and all trees and shrubs that have been moved to new locations. It helps plants become established quickly and insures vigorous growth.

The soil penetrant and wetting agent added, reduces the surface tension of soil and allows the material to gain easy access to root area where it uniformly

**ACCEPTED  
with COMMENTS  
In EPA Letter Dated:**

MAY 11 2000

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

5887-169

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spreads over the root surface bringing them the proper stimulant for renewed growth.

**DIRECTIONS FOR USE**

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

This product is concentrated and must be diluted before making applications. Mix one tablespoonful of Vitamin B1 Solution into one gallon of water.

At the time of transplanting apply mixture to bare roots and soil thoroughly saturating the plant's root area. Plants will not be damaged if larger volumes of diluted solutions are used.

Transplanted shrubs, trees, flowers, rooted cuttings, potted plants and house plants should be treated once a week until the plants are satisfactorily established. Apply mixture to soil around base of plant above root area.

Subsequent monthly applications are recommended.

Vitamin B1 Solution is a root stimulant and should not be applied to the plant's foliage as a fertilizer or plant food.

**STORAGE AND DISPOSAL**

**Storage:** Store in original container only in a cool, dry location away from children.

**Disposal:** Do not reuse empty container. Wrap container and put in trash.

**IMPORTANT:** Read these entire Directions and Conditions of Sale before using this product. **DISCLAIMER:** SureCo warrants that this product conforms to the chemical description on the label and is reasonably fit for the specific purposes referred to in the Directions For Use, subject to the inherent risks referred to above. SureCo makes no other express or implied warranty of fitness or merchantability or any other express or implied warranty. In no case shall SureCo be liable for consequential, special, or indirect damages resulting from the use, handling or application of this product.

**NOTICE:** Buyer assumes all risks of use, storage, or handling of this material not in strict accordance with directions given herewith.

For information on this pesticide product (including health concerns, medical emergencies, or pesticide incidents), call the National Pesticides Telecommunications Network at 1-800-858-7378.

EPA Reg. No. 5887-169

EPA Est. Nos. 44616-MO-1 (H), 47427-OH-1(M), 11600-MN-1 (C)

Letter within parenthesis corresponds to the first letter of Batch No. printed on container.

Net Contents: 32 fl. oz.

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Distributed by:  
SureCo, Inc.  
an indirect subsidiary of Verdant Brands, Inc.  
9555 James Avenue South, Suite 200  
Bloomington, MN 55431  
(612) 703-3300

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