



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

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OFFICE OF
PESTICIDES AND TOXIC SUBSTANCES

Mr. Scott C. Steward
International Spike, Inc.
817 E. Third Street
Lexington, KY 40505

7 DEC 1984

300/132854
17/ 3

Dear Mr. Steward:

Subject: Amendment - Change in Product Names -
Submission of Interim Storage Stability Data
EPA Registration Nos. -
46260-2 Jobe's Spikes - Insecticide with
Fertilizer for Roses
46260-10 Jobe's Spikes - Insecticide with
Fertilizer for Young Trees
46260-11 Jobe's Spikes - Insecticide with
Fertilizer for Evergreen Shrubs
46260-12 Jobe's Spikes - Insecticide with
Fertilizer for Beautiful Trees
46260-13 Jobe's Spikes - Insecticide with
Fertilizer for Evergreen Trees
46260-14 Jobe's Spikes - Insecticide with
Fertilizer for Flowering Shrubs

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable. A stamped copy is enclosed for your records.

In regard to the storage stability information submitted with your October 15, 1984 letter we have the following comments:

- 1) Please clarify which product(s) were already tested for storage stability if any. The formulation of these spikes is different for each specific use and perhaps will differ in stability. We strongly recommend that you begin a study as soon as possible on the product(s) which were not specifically tested. In the meantime, it would be helpful for you to provide whatever information you have regarding the pH's of the different formulations and other data relative to stability. We assume from your letter that the only product currently being tested for stability in Insecticide Fertilizer for Beautiful Trees - EPA Reg. No. 46260-12. The interim report for



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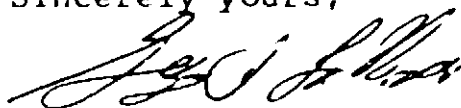
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this product is indicative of satisfactory stability
and the test should continue for a full year.

Sincerely yours,



George T. LaRocca
Product Manager (15)
Insecticide-Rodenticide Branch
Registration Division (TS-767C)

ACCEPTED
with COMMENTS
in EPA Letter Dated

DEC 7 1984

Under the
Fungicide, Insecticide,
and Plant Growth Regulator
Act, as amended, for the
purpose of EPA Reg. No. 416260-10

Jobe's
Spikes

Jobe's

5 Insecticide
Fertilizer Spikes

NEW INSECTICIDE with Fertilizer

For
Young
Trees

CAUTION:
KEEP OUT OF REACH OF CHILDREN
SEE BACK PANEL FOR ADDITIONAL INFORMATION

ACTIVE INGREDIENTS (By weight)
0.0 - Diethyl S - [2-(ethylthio) ethyl]
phosphorodithioate 1
INERT INGREDIENTS 99
TOTAL 100

NET WT.
1lb. 5oz. (580g.)

Jobe's

Insecticide/Fertilizer
for Young Trees

Guaranteed Fertilizer Analysis

Total Nitrogen (N)

10% Ammoniacal Nitrogen

Available Phosphoric Acid (P₂O₅)

Soluble Potash (K₂O)

Derived from Ammonium Sulfate, Diammonium Phosphate, Potassium Chloride, and Potassium Sulfate. All ingredients are combined by a patented process which slows Chloride not more than

Jobe's® Insecticide/Fertilizer Spikes protect your young trees with a special nutrient formula designed to help them look their best. It is absorbed by the roots and circulated throughout the tree to control Leaf Miners, Leaf Hoppers, Whiteflies, Pine Tip Moths, Lace Bug, Phosphorus (for root growth), and Potassium (for disease-resistant sprays which are applied to the foliage. Jobe's Spikes work at the

- Protects against insects and feeds
- Systemic insecticide works inside
- Premeasured dosage of both insecticide and fertilizer
- Easy to use — No mixing, spraying

DIRECTIONS

For Outdoor Use Only. It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

To open lid, pry open with screwdriver or similar object. Replace lid by pressing around plug. **FOR BEST RESULTS, INSERT NEW SPICES EVERY EIGHT WEEKS**, beginning in early spring when new growth begins and continuing throughout the summer insect season. If soil is dry, water well before using a hammer and the plastic cap, tap spikes into the soil evenly spaced at the ends of the longest branches. Remove cap once spike is below soil about an inch below the soil. Wear gloves. Use of protective

If Tree Trunk Diameter is (Inches)

1 15

Use This Many Spikes

1 2

STORAGE AND DISPOSAL: Store only in original container in a cool, dry place. Do not reuse original container. Securely wrap original container in newspaper and dispose in trash. Do not store in living areas of the home.

PRECAUTIONARY STATEMENT - HAZARD TO HUMANS AND DOMESTIC ANIMALS: CAUTION: Harmful if swallowed or absorbed through skin. Avoid contact with water. Wash hands thoroughly after handling. Keep children and pets away from or around fruit trees or vegetable plants.

Statement of Practical Treatment: If swallowed, call a physician or Poison Center. Drink one or two glasses of water and induce vomiting if on skin, wash off with water. If in eyes, flush with plenty of water. Get medical attention if in contact with water.

Note to Physician: This product contains an organophosphate which is a cholinesterase inhibitor. Atropine is antidotal. 2-PAM is also antidotal and may be administered intravenously. **ENVIRONMENTAL HAZARDS:** This product is toxic to fish, wildlife, and birds. Do not contaminate water by cleaning of equipment or disposal of this product. **NOTICE:** User assumes all responsibility for safety and use not strictly in accordance with label and warnings.

International Spike, Inc. 817 E. Third Street, Lexington, KY 40502
EPA EST. 46260-KY-01 EPA Reg. No. 46260-10

Jobe's® is a registered trademark of International Spike, Inc. Pat. No. 3,101,000. DI SYSTEM is a registered trademark of the parent company of International Spike, Inc.