

Reg # 46260-22
APR 15 1986

US ENVIRONMENTAL PROTECTION AGENCY OFFICE OF PESTICIDES PROGRAMS REGISTRATION DIVISION (TS-767) WASHINGTON, DC 20460 NOTICE OF PESTICIDE: <input type="checkbox"/> REGISTRATION <input type="checkbox"/> REREGISTRATION <i>(Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended)</i>	EPA REGISTRATION 46260-22	DATE OF ISSUANCE APR 15 1986
	TERM OF ISSUANCE Until Reregistration	
	NAME OF PESTICIDE PRODUCT Jobe's Spikes 12-8-8 With 1% Disyston	

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

International Spike, Inc.
 P.O. Box 1750
 Lexington, KY 40593-1750

NOTE: 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.

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.

A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.

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.

This product is conditionally registered in accordance with FIFRA section 3(c)(7)(A) provided that you:

1. Submit and/or 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.
2. Make the labeling changes listed below before you release the product for shipment:
 - a. Add the phrase "EPA Registration No. 46260-22."
 - b. Under the Statement of Practical Treatment we suggest using a bold print for the following subheadings, "If Swallowed, If on Skin, and If in Eyes."
 - c. Delete the word "powerful" under general information.
3. Please discuss the possible formation of unintentional impurities during the formulation process, particularly in view of the use of heat in this process.
4. Please provide certification of limits for each inert ingredient.

ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL:  DATE: 4/15/86

50567:Shell:LR-3:KENCO:3/26/86:4/3/86:EK:JH

5. Please provide a brief discussion of how the certified limits are determined - by actual analysis or calculation?

6. Please submit or cite data to support the claim of stability on storage.

7. Please submit or cite a specific analytical method appropriate for this product.

8. Submit five (5) copies 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.

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

Enclosures

FRONT PANEL

Jobe's® Spikes

For Commercially Grown
Ornamental Plants

Di-Syston

Insecticide

WITH

12-8-8

Fertilizer

ACCEPTED
with COMMENTS
by EPA Letter 4/2/66

APR 1 1966

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended for the products
registered under this Act.

46260-22

Keep Out of Reach of Children

CAUTION (SEE BACK PANEL FOR ADDITIONAL INFORMATION)

Active Ingredient (by Wt.):

*0,0-Diethyl S-[2-(ethylthio) ethyl phosphorodithioate	1%
Inert Ingredients.....	99%
* Contains Di-Syston @	100%

Guaranteed Fertilizer Analysis:

Total Nitrogen (N)..... 12%
12% Ammoniacal Nitrogen

Available Phosphoric Acid (P₂O₅)..... 8%

Soluble Potash (K₂O)..... 8%

Derived from Ammonium Sulfate, Ureaform, Diammonium Phosphate, and Potassium Sulfate.
The Nitrogen, Phosphorus, and Potassium materials in this product provide ___ % occluded slow
release Nitrogen (N), ___ % occluded slow release Available Phosphoric Acid (P₂O₅), and ___ %
occluded slow release Soluble Potash (K₂O)

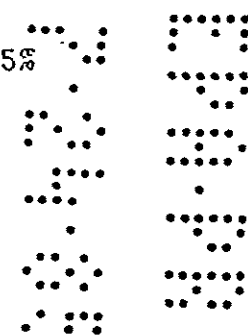
Chlorine not more than 0.5%

International Spike, Inc.
817 E. Third Street
Lexington, Kentucky 40505

Pat. Nos. 3,892,552; 4,348,218; and Des. 236,149
EPA EST. 46260-KY-01 EPA Reg. No. 46260-xx

Jobe's® is a Registered Trademark of International Spike, Inc.

*Di-Syston ● is a Registered Trademark of the parent company of Farbenfabriken Bayer GmbH, Leverkusen



Contents: 450 50-g. Spikes

Net Wt. 49.5 lbs.

LEFT SIDE PANEL

Jobe's® Spikes
For Commercially Grown
Ornamental Plants

Di-Syston
Insecticide
WITH
12-8-8
Fertilizer

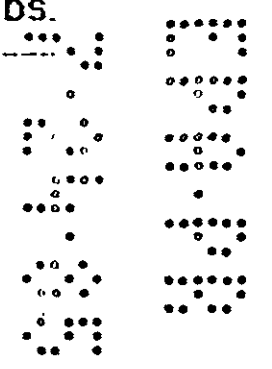
Keep Out of Reach of Children

CAUTION (SEE BACK PANEL FOR ADDITIONAL INFORMATION)

AVISO:
PRECAUCION AL USARIO: Si usted no puede leer o entender ingles, no use este producto hasta que la etiqueta le haya sido explicada amplimente.

Contents: 450 50-g. Spikes

Net Wt. 49.5 lbs.



12/8

RIGHT SIDE PANEL

Jobe's® Spikes

For Commercially Grown
Ornamental Plants

Di-Syston

Insecticide
WITH

12-8-8
Fertilizer

Keep Out of Reach of Children

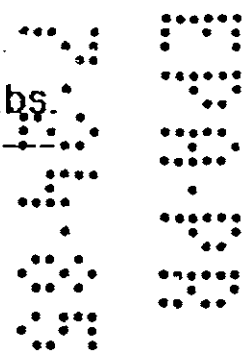
CAUTION (SEE BACK PANEL FOR ADDITIONAL INFORMATION)

CONDITIONS OF SALE

THE DIRECTIONS ON THIS LABEL FOR USE OF THIS PRODUCT ARE BASED ON RESEARCH AND FIELD TRIALS ON THE PLANTS LISTED ON THE LABEL. NO CLAIMS ARE MADE OR IMPLIED FOR PLANTS OR PESTS NOT LISTED ON THIS LABEL. FURTHER, IT IS IMPOSSIBLE TO ELIMINATE ALL RISKS OF CROP INJURY, INSUFFICIENT EFFECTIVENESS, OR OTHER UNINTENTIONAL CONSEQUENCES WHICH COULD RESULT FROM FACTORS WHICH ARE BEYOND THE CONTROL OF THE MANUFACTURER, INCLUDING BUT NOT LIMITED TO WEATHER CONDITIONS, PRESENCE OF OTHER MATERIALS, RESISTANCE DEVELOPMENT, OR MANNER OF USE. ALL SUCH RISKS ARE ASSUMED BY THE BUYER.

Contents: 450 50-g. Spikes

Net Wt. 49.5 lbs.



BACK PANEL

Jobe's® Spikes

For Commercially Grown
Ornamental Plants

Di-Syston

Insecticide

WITH

12-8-8

Fertilizer

Keep Out of Reach of Children

CAUTION (SEE BACK PANEL FOR ADDITIONAL INFORMATION)

GENERAL INFORMATION:

Jobe's Insecticide/Fertilizer Spikes are an effective way to control common pests on nursery, greenhouse, and landscape plants while providing continuous feeding. Jobe's unique patented slow-release formulation provides systemic pest control and nutrition for up to sixty days. Soil moisture gradually dissolves the spike, releasing a powerful systemic insecticide as well as a special balance of primary nutrients. The insecticide and nutrients enter the plant through the roots, and are translocated to all parts of the plant to feed and protect against chewing and sucking insects.

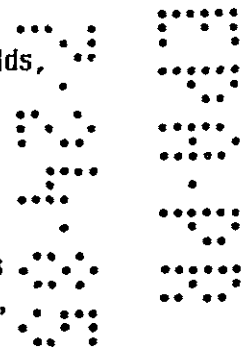
Protects against stem and foliar damage caused by :

Aphids, Black Vine Weevil, Bronze Birch Borer, Brown Scale, Cuban Laurel Thrip, Flat-Headed Borer, Fleabeetles, Fletcher Scale, Florida Wax Scale, Gypsy Moth Larvae, Honey Locust Gall Midge, Juniper Bag Worm, Lacebugs, Leaf Hoppers, Leaf Miners, Mealybugs, Pine Tip Moth, Red Spider Mites, Thrips, Tussic Moth Larvae, Two-Spotted Mites, Webworms, Whiteflies, and Willow Oak Scale.

Flowering Plants: Chrysanthemum, Cycads, Gardenias, Gerbera Daisies, Marigolds, Oleander, Roses, miniature Roses, Salvia, and Zamia.

Foliage Plants: Dieffenbachia, Parlor Palm, Philodendron

Woody Ornamentals: Acacia, American Holly, Azalea, Beaufort Holly, Camphor Trees, Citrus Trees, Coral Trees, Cordylone, Elm Trees, Ficus Benjamina, Ficus Nitida, Honey Locust, Japanese Black Pine, Juniper, Laurel Oaks, Loblolly Pine, Massageana Cane, Mulberry Trees, Netherbella Palm, Pear Trees, Plum Trees, Photinia, Pin Oak, Pyracantha, Red Maple, Rhododendron, Schefflera, Schefflera Arboricola, Salix Willow, Slash Pine, Taxus, White Birch, Willow Oak, Yaupon Holly, Yucca.



171

BACK PANEL (continued)

DIRECTIONS: It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. Read Entire Label. **FAILURE TO FOLLOW DIRECTIONS ON THIS LABEL MAY RESULT IN CROP INJURY OR INSUFFICIENT INSECT CONTROL.**

FOR BEST RESULTS INSERT NEW SPIKES EVERY SIX TO EIGHT WEEKS depending on irrigation schedule. **Wear gloves.** Irrigate immediately after application. Water in the soil gradually and safely releases insecticide and nutrients to the plant's roots.

For Field-Grown Row Plants: Using plastic caps, push each spike 1/2 inch under the soil on opposite sides of the plant 8 to 12 inches from the stem. Use one spike per foot of shrub foliage diameter.

For Containerized Plants: Using plastic caps, spikes 1/2 inch into the soil on opposite sides of the plant halfway between root mass and edge of container, but no closer than 6 inches from stem.

<u>IF CONTAINER SIZE IS :</u>	<u>SENSITIVE PLANTS:</u>	<u>NORMAL PLANTS:</u>
5-gallon	---	One Spike
7-gallon	One Spike	One Spike
10-gallon	Two Spikes	Two Spikes
Over 10-gallon	One Spike per Foot of Shrub Foliage Diameter	

PRECAUTIONARY STATEMENTS: HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Harmful if swallowed or absorbed through skin. Avoid contact with skin, eyes, or clothing. Wash hands thoroughly with soap and water after handling. Do not use on or around bearing fruit trees or vegetable plants.

Statement of Practical Treatment: If swallowed call a Physician or Poison Control Center immediately. Drink one or two glasses of water and induce vomiting. If on skin wash affected areas with soap and water. If in eyes flush with plenty of water. Get medical attention if irritation persists.

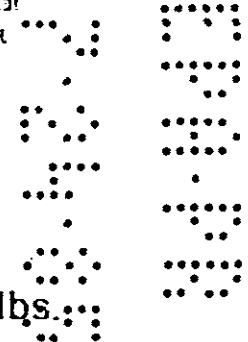
Note to Physician: This product contains an organophosphate which is a cholinesterase inhibitor. Atropine is antidotal. 2-PAM is also antidotal and may be administered in conjunction with atropine.

ENVIRONMENTAL HAZARD: This product is toxic to fish, wildlife, and birds. Keep out of lakes, streams, or ponds. Do not contaminate water by cleaning of equipment or disposal of wastes.

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

Contents: 450 50-g. Spikes

Net Wt. 49.5 lbs.



TOP PANEL

Jobe's® Spikes

For Commercially Grown
Ornamental Plants

Di-Syston

Insecticide
WITH

12-8-8

Fertilizer

Keep Out of Reach of Children

CAUTION (SEE BACK PANEL FOR ADDITIONAL INFORMATION)

- DO NOT USE ON BEARING FRUIT TREES OR EDIBLE PLANTS
- WEAR GLOVES WHEN HANDLING PRODUCT

