

Reg # 3125-172

PM-13

194

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

AUG - 2 1991

3125/389269  
171

Mr. John S. Thornton  
Mobay Corporation  
Agricultural Chemicals Division  
PO Box 4913  
Kansas City, MO 64120

Dear Mr. Thornton:

Subject: Amendment - Revised Application Rates  
Di-Syston 15 & Granular  
EPA Registration Number 3125-172  
Your Submission Dated August 28, 1990

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. Submit five copies of complete finished labeling before you release the product for shipment.

Sincerely,

George T. LaRocca  
Product Manager 13  
Insecticide-Rodenticide Branch  
Registration Division (H7505C)

enclosure

CONCURRENCES

| SYMBOL  |  |  |  |  |  |  |  |  |
|---------|--|--|--|--|--|--|--|--|
|         |  |  |  |  |  |  |  |  |
| SURNAME |  |  |  |  |  |  |  |  |
| DATE    |  |  |  |  |  |  |  |  |

172-7091.YLD

Base Pre-Reg (7091)

U.S. LABEL

Date of Draft: 8/17/90 (Pre-Reg) (S)

Reason to Issue: To propose revised rates for broadcast application in ornamentals, and for treating potted plants; add chart for treating individual potted plants.

EPA Reg. No. 3125-172

**RESTRICTED USE PESTICIDE**

**Acute human oral, dermal, and inhalation toxicity**

For retail sale to and use only by Certified Applicators or persons under their direct supervision and only for those uses covered by the Certified Applicator's certification.

**DI-SYSTON®  
15% GRANULAR  
SYSTEMIC INSECTICIDE**

**ACTIVE INGREDIENT:**  
**O,O-Diethyl S-[2-(ethylthio)ethyl]  
phosphorodithioate ..... 15%**

**AMENDMENT**

**To Previously Registered Labeling**

Revise as follows:

with the OADR NDA  
in EPA Letter dated:

April 2, 1990

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

**3125-172**

## RECOMMENDED APPLICATIONS

| CROP  | PEST   | DOSAGE<br>DI-SYSTON 15% G                | REMARKS   |
|---|--|--|---|
| ORNAMENTALS<br><br>Flowers<br>and<br>Ground<br>covers | Aphids<br>Lace bug<br>Leafhoppers<br>Mites<br>Thrips<br>Whiteflies | 3.5 to 7.25 ozs<br>per 100 ft. of<br>row | <p style="text-align: center;">ROW TREATMENT</p> <p>As a row treatment apply in a band on each side of the seed furrow, or as a band over the row. Incorporate thoroughly into soil and water heavily. The higher dosage is recommended for heavy organic or muck soils. For treatment of Easter lilies and gladiolus, apply in the furrow over the bulbs after they are set, but before covering with soil. Do not make in-furrow applications to garden lily bulbs.</p> |
|   |  | 7 oz per 100 sq.<br>ft.                  | <p style="text-align: center;">BROADCAST</p> <p>For mass plantings apply as a broadcast treatment and incorporate into the soil before planting or apply after plants are established. Granules must be incorporated in the soil by mechanical means or thoroughly watered in so no pesticide remains on the soil surface. Repeat applications at 4 to 6 week intervals if necessary. SEE NOTE.</p>   |
|   |  | 2 gm/sq. ft.                             | <p style="text-align: center;">POTTED PLANTS</p> <p>For application to potted plants, determine surface area of container, <u>(diameter (inches) squared X 0.7854 + 144 equals sq. ft. area of container)</u>. Apply appropriate amount of DI-SYSTON 15% Granular by thorough incorporation as directed. SEE NOTE.</p>  |

All text except that which is underlined has been previously granted registration.

The following is a new chart to be added to the label:

TREATMENT OF INDIVIDUAL POTS  
WITH DI-SYSTON 15% GRANULAR

| <u>POT SIZE</u><br><u>(INCHES DIAMETER)</u> | <u>SURFACE</u><br><u>SQ. FT.</u> | <u>GRAMS/POT</u><br><u>DI-SYSTON 15G</u> |
|---|----------------------------------|--|
| 2.25  | .028                             | .06                                      |
| 2.5   | .034                             | .07                                      |
| 3   | .049                             | .1                                       |
| 3.5   | .067                             | .13                                      |
| 4   | .087                             | .17                                      |
| 4.5   | .11                              | .22                                      |
| 5   | .136                             | .27                                      |
| 5.5   | .165                             | .33                                      |
| 6   | .196                             | .4                                       |
| 7   | .267                             | .53                                      |
| 8   | .349                             | .7                                       |
| 10  | .545                             | 1.1                                      |
| 12  | .785                             | 1.6                                      |