

US ENVIRONMENTAL PROTECTION AGENCY
OFFICE OF PESTICIDES PROGRAMS
REGISTRATION DIVISION (75-767)
WASHINGTON, DC 20460

EPA REGISTRATION NO.

869-223

DATE OF ISSUANCE

SEP 27 1994

NOTICE OF PESTICIDE: REGISTRATION
 REREGISTRATION

(Under the Federal Insecticide, Fungicide,
and Rodenticide Act, as amended)

TERM OF ISSUANCE

Until Reregistration

NAME OF PESTICIDE PRODUCT

Green Light Systemic
Insecticide

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

Reg # 869-223

PM-13

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Green Light Company
P.O. Box 17985
San Antonio, TX 78217-0985

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 sec. 3(c)(7)(A) provided that you:

1. Submit/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; and submit acceptable responses required for reregistration of your product under FIFRA section 4.

2. Make the labeling changes listed below before you release the product for shipment:

- a. Add the phrase, "EPA Registration No. 869-223".
- b. Under Note to Physician, add the words, by **injection**, to the statement "Atropine sulfate by **injection** is antidotal only if signs of cholinesterase inhibition are present."
- c. At the end of the "Beans" and "Peas" Remarks paragraphs, the statement should read "Do not feed vines or hay to **livestock**."
- d. Under "Shrubs" the pest Soft Scale should appear as Soft Scale (**Coccus hesperidium**).

ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL

DATE

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e. On front panel add the following statement:

This product is for use only on plants grown in and around the home as listed. Do not apply this product to plants or sites not listed on this label.

f. Delete the "Re-Entry" paragraph since this pertains to commercial use sites and worker protection statements. The statement "Do not apply this product in such a manner as to directly or through drift expose any person" should be add as the last statement under the Hazards to Humans and Domestic Animals.

g. Under the Environmental Hazards, delete the last part of the second sentence "... to areas where surface water is present, or to tidal areas below the mean high water mark."

3. Submit five 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.

4. The Confidential Statement of Formula (CSF) dated October 1, 1993 will not meet the label claim for the nominal concentration for the active ingredients. The upper and lower certified limits are based on the pure active ingredient rather than the technical or concentrate. Refer the PR Notice 91-2 and 40 CFR 158.175 for guidance and revised the CSF to reflect the nominal concentration of the pure active ingredient. Please submit a revised CSF or revised label based on nominal concentration.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 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.

Sincerely yours,

George T. LaRocca
Product Manager 13
Insecticide-Rodenticide Branch
Registration Division (7505C)

Enclosure

SEP 27 1994

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.
869-723

GREEN LIGHT SYSTEMIC INSECTICIDE
Insect Control
Contains Di-Syston® Insecticide

FOR USE IN POTTED HOUSE PLANTS, AROUND HOMES AND IN AND AROUND FLOWERS, SHRUBS
AND VEGETABLES

ACTIVE INGREDIENT:

Disulfoton: O,O-Diethyl S-[2-(ethylthio)ethyl]
phosphorothioate..... 2%

INERT INGREDIENTS..... 98%
100%

DI-SYSTON® is a Reg. TM of the ultimate Parent Company
of Miles Inc.

KEEP OUT OF REACH OF CHILDREN

WARNING

See Back Panel For Additional Precautionary Statements

EPA Reg. No. 869-

EPA Est. No. 869-TX-1

Formulated by Green Light Co., San Antonio, TX 78217-0985

Net Weight 10 ounces (284 gm)

(Back Panel)

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

WARNING: May be fatal if swallowed or inhaled. Rapidly absorbed through skin. Do not breath dust. Do not get in eyes, or skin or clothing. Wear rubber gloves when applying this product. Do not contaminate feed or food. Keep out of reach of children. Wash thoroughly after handling. Food utensils such as a teaspoon or measuring cup should not be used for food purposes after use with insecticides. Keep children and pets off treated areas until product is worked into the soil and the treated areas have dried completely.

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED, VOMITING SHOULD BE INDUCED. Administer water freely and induce vomiting by giving one dose (1/2 oz. or 15 ml.) of syrup of ipecac. If vomiting does not occur within 10 to 20 minutes, administer second dose. Repeat until vomit fluid is clear. Never give anything by mouth to an unconscious person. Have patient lie down and keep quiet. Professional medical assistance should be secured immediately. **IF INHALED,** remove victim to fresh air. Apply artificial respiration if indicated. **IF ON SKIN,** remove contaminated clothing and wash affected areas with soap and water. **IF IN EYES,** flush eyes with plenty of water. Call a physician if irritation persists.

NOTE TO PHYSICIAN: Disulfoton is a cholinesterase inhibitor. Atropine sulfate is antidotal only if signs of cholinesterase inhibition are present. 2-PAM is also antidotal and may be administered in conjunction with atropine.

ENVIRONMENTAL HAZARDS: This pesticide is toxic to fish and wildlife. Do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark. Drift and runoff from treated areas may be hazardous to fish in neighboring areas. Do not contaminate water when disposing of equipment washwater. Cover or incorporate spills. This pesticide is toxic to bees exposed to direct application. Applications should be timed to coincide with periods of minimum bee activity, usually between late evening and early morning.

RE-ENTRY STATEMENT: Do not apply this product in such a manner as to directly or through drift expose any person. The area being treated must be vacated by unprotected persons. Do not allow reentry into treated areas within 24 hours of application unless appropriate protective clothing is worn.

STORAGE AND DISPOSAL: Do not contaminate water, food or feed by storage or disposal. **PESTICIDE DISPOSAL** - Securely wrap container in several layers of newspaper and discard in trash. **CONTAINER DISPOSAL** - Do not reuse plastic bottle. Rinse thoroughly before discarding in trash. **STORAGE** - Store in a cool, dry place away from other pesticides, fertilizers, food and feed. Store in original container out of reach of children; preferably in a locked storage area.

DIRECTIONS FOR USE: It is a violation of federal law to use this product in a manner inconsistent with its labeling.

IMPORTANT: Read entire Directions before using Green Light Systemic Insecticide. Di-Syston® Insecticide enters the plant by absorption through the roots. The insecticide placed near the roots is translocated to all parts of the plant and kills sucking insects feeding on the plant.

The formulation of Systemic Insecticide is highly versatile and offers many forms of application. It can be broadcast, mixed with soil, or banded in the furrow with seeds, bulbs or transplants. Side-dressings can be applied after plant emergence. Time and method of application and limits for use are discussed in detail for each specific crop under "Remarks" below.

As a pre-plant treatment for ornamental flowers and shrubs, apply granules evenly to seed bed and mix into soil, seeds or transplants are then placed in the normal manner. Established plants may be side-dressed by applying granules uniformly under foliage canopy. Mixing the granules into top soil and watering will assist entry into the plant, as the chemical will leach into the root zone for absorption.

RECOMMENDED APPLICATIONS

CROP	INSECT	RATES	REMARKS
Vegetables			
Beans	Aphids	2½ to 4½ ozs.	For snap or green Lima beans place granules in a band on each side of the seed furrow at planting time only. For dry beans apply as above at planting time or as a side-dressing on each side of the
	Leafhoppers	per 50 ft. of	
	Mexican Bean	row(for any	
	Beetle(larvae)	row spacing*)	
	Mites		
	Thrips		

row after plants become est-
ablished but not within 60
days of harvest. Do not apply
directly on seed. Do not apply
more than once per season. Do
not feed vines or hay.

Brussels Sprouts Aphids
 Leafhoppers
 Mites
 Thrips

2½ ounces per
50 ft. of row
(for any row
spacing*)

Cauliflower Aphids
 Flea Beetles
 Leafhoppers

Place granules in a band on
each side of the seed furrow
at planting time, or as a
side-dress after emergence.
Do not apply directly on the
seed. When it is desirable to
treat individual plants, apply
1 level teaspoon per plant to
the transplant hole. Mix gran-
ules with soil in hole prior
to setting plant. Do not apply
more than twice per season nor
within 30 days of harvest for
Brussels sprouts or 40 days
for cauliflower.

Broccoli Aphids
 Leafhoppers

2½ ounces per
50 ft. of row
(for any row
spacing*)

Cabbage Aphids

Place granules in a band on
each side of the seed furrow
at planting or as a side
dressing after plants become
established. Do not apply
directly on the seed. When it
is desirable to treat individ-
ual plants apply 1 level tea-
spoonful per plant in the
transplant hole. Mix granules
with soil to hole prior to
setting plant. Make only 1
application per season. Do not
use within 42 days of harvest
for cabbage or 14 days of har-
vest for broccoli.

Lettuce Aphids
 Leafhoppers
 Mites
 Thrips

2 to 3 ounces
per 50 ft. of
row (for any
row spacing*)

Place granules in a band on
each side of the seed furrow
at planting time only. Do not
apply directly to the seed.

Peas Aphids
 Leafhoppers

2½ ounces per
50 ft. or row
(for any row
spacing*)

Place granules in a band on
each side of the seed furrow
at planting time only. Do not
apply directly on seed. Do not
feed vines or hay.

*ON ROW CROPS WHERE ROW SPACING IS EXTREMELY NARROW, DO NOT PLACE TREATED ZONES

(BAND OR FURROW) CLOSER TOGETHER THAN 6 INCHES.

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Ornamentals

Flowers	Aphids Lace Bug Leafhoppers Mites Thrips Whiteflies	4 to 8 ounces per 15 ft. of row (for any row spacing*)	Apply specified dosage in the furrow or as a band over the row. Work into soil and water thoroughly. The higher dosages are recommended for heavy organic or muck soil. For bedding plants apply 10 ounces per 125 sq. ft. worked into soil before planting or as a broadcast treatment after plants are established. Repeat applications at 4 to 6 week intervals if necessary. For application to potted plants including houseplants, use 1 rounded teaspoonful per 6 inch pot. Mix thoroughly with soil and drench with water.
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Shrubs	Aphids Birch Leafminer Camellia Scale Holly Leafminer Lace Bug Leafhoppers Mimosa Webworm Mites Pine Tip Moth Soft Scale Tea Scale Thrips Whiteflies	(See Remarks)	Apply 2 to 4 rounded table- spoons per foot of shrub height. For shrubs 1-3 feet tall apply the lower rate and on plants 3-6 feet in height apply the higher rate. Dist- ribute the granules uniformly under the shrub canopy, work into the soil, and water thor- oughly. Repeat applications at 4 to 5 week intervals if nec- essary.
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*ON ROW CROPS WHERE ROW SPACING IS EXTREMELY NARROW, DO NOT PLACE TREATED ZONES (BAND OR FURROW) CLOSER TOGETHER THAN 6 INCHES.