

DRP

1 OCT 1984

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Mr. Arthur Fuller
Fuller Systems, Inc.
226 Washington Street
Woburn, MA 01801

Dear Mr. Fuller:

Subject: Amendments - Update labels per Lindane PD-4
Fulex Aphid Smoke Fumigator
EPA Registration No. 1327-15
Fulex Aphid Smoke Fumigator No. 2M
EPA Registration No. 1327-16
Fulex Aphid Smoke Fumigator No. 10M
EPA Registration No. 1327-27
Fulex Aphid Smoke Fumigator No. 20M
EPA Registration No. 1327-28
Your submission dated August 16, 1984

The updated labels for EPA Registration Numbers 1327-15, 1327-27, and 1327-28, submitted in connection with registrations under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, are acceptable provided that the following revision is made to each of these labels prior to release for shipment:

- 1) The product signal word must appear on the front panel directly beneath the child hazard precaution KEEP OUT OF REACH OF CHILDREN .

Please submit 5 copies of the revised label for each product prior to release of product for shipment.

Regarding EPA Registration Number 1327-16, since you indicate that your company is not planning to manufacture this product due to lack of demand and therefore you did not submit revised labels, you should submit a request for voluntary cancellation of this particular product

Sincerely yours,

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

CAUTION

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Avoid contact with skin and eyes. Wash hands and face thoroughly after handling and before eating or smoking. Avoid inhalation of vapors and contamination of feed and foodstuffs.

Do not remain in greenhouse during fumigation without wearing a full-face mask of a type jointly approved by NIOSH (Mine Safety and Health Administration) and by NIOSH (National Institute for Occupational Safety and Health) under the provision of 30 CFR Part 11 for Lindane protection.

Do not use on household pets or humans.

STORAGE AND DISPOSAL

Store this product in a dry place. Igniters may pick up moisture in a damp place.

Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or residue is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

Do not contaminate water, food, or feed by storage or disposal.

If a container has been used or damaged so that a leak occurs, wrap container in several layers of newspaper securely and place in trash.



FUMIGATOR No. 20M

This can fumigates 20,000 cu. ft.

Read Supplementary Instructions before using for use in agricultural greenhouses only.

Active ingredient:

*Gamma Isomer of Benzene Hexachloride-11.2%

Inert Ingredients: 88.8%

Net weight 5.3 oz.

*From Lindane

KEEP OUT OF REACH OF CHILDREN STATEMENT OF PRACTICAL TREATMENT

- If swallowed- Call a physician or Poison Control Center immediately. Drink one or two glasses of water and induce vomiting by touching the back of throat with finger. Repeat until vomit fluid is clear. Do not induce vomiting or give anything by mouth to an unconscious person.
- If inhaled- Remove victim to fresh air. Apply artificial respiration if indicated.
- If on skin- Remove contaminated clothing and wash affected area with soap and water.
- If in eyes- Flush eyes with plenty of water. Call a physician if irritation persists.

Use against greenhouse aphids, grasshoppers, adult white flies and adult leaf tiers.

Manufactured by
FULTER SYSTEM INC. WOBURN, MASS. U.S.A.

EPA Reg. No. 1327-28
EPA No. 01327-MA-01

DIRECTIONS FOR USE

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

Shake contents before using. Uncover top container as directed when ready to use.

Place fumigators in single row on the ground in walk. Space them evenly for proper distribution. Close all ventilators, doors and other openings with fumigator at farthest end of greenhouse. Cut, light sparkler at handle end and insert into neck of contents. Proceed to next fumigator, etc. Fumigator is ignited, then leave greenhouse which remains closed for at least four hours. Do not re-enter greenhouse until thoroughly ventilated. Cut blooms before fumigating.

Ventilate gradually, preferably within eight hours preferably when crops are in bloom or when unusually soft.

Clouds, dew, late afternoon or night fumigation recommended, at temperatures between 60°-80° F. Fumigating when windy or in the presence of moisture.

Repeat fumigation when necessary if reinfestation occurs.

NON-WARRANTY

Seller's guarantee shall be limited to the terms of and subject thereto the buyer assumes any risk or property arising out of use or handling and use of product on these conditions.

CAUTION

DO NOT USE ON BIBLE FOOD CROPS

FOLLOWS

TOMATOES Allow 1 day between treatment

harvest

CUCUMBERS Allow 1 day between treatment

harvest

LETTUCE Allow 5 days between treatment and

ACCEPTED
with comments
In Laboratory. Dated:

OCT 1 1984

1327-28

Bottom box



Space cans in greenhouse center walk (or in a walk nearest the center) as shown. Remove tops of cans when placing them in position for lighting.



Starting with can farthest from exit, light a sparkler as shown (at handle end).



Insert lighted sparkler deeply into contents of can. Then proceed to next can, light another sparkler until all cans are ignited.

SUPPLEMENTARY DIRECTIONS for FULEX APHID SMOKE FUMIGATORS

READ THESE INSTRUCTIONS BEFORE FUMIGATING

DO NOT OPERATE CANS NEAR FLAMMABLE MATERIAL

- Do not breathe the smoke or vapors from the fumigators.
- Do not get the contents of fumigators in eyes or on skin.
- Keep the contents and smoke away from feed and food products.
- Never enter the smoke or active vapors from these fumigators unless wearing a gas mask approved for LINDANE protection (see label) and protective clothing.

PREPARATION OF GREENHOUSE

- 1 Close all ventilators and openings in the greenhouse before fumigating.
- 2 Lock or barricade all entrances or post warning signs at entrances. Keep unprotected persons from entering area being fumigated.

OPERATING CONDITIONS

At start of fumigation, greenhouse temperature should be between 60°F and 80°F. Temperature should not be low. Avoid fumigating on rainy or windy days. It is advisable to avoid fumigating on days which have been preceded by several days of steady or rainy weather.

VENTILATION

Do not drop temperature suddenly when ventilating as this may cause undesirable moisture condensation. To avoid sleepiness of Carnations, particularly in hot weather, ventilate at the end of four hours. The greenhouse should be thoroughly ventilated for one hour following fumigation in low greenhouses where workers are allowed in the greenhouse. Ventilation at the end of eight hours is recommended in high greenhouses which are not normally heated. Otherwise, the normal leakage will gradually eliminate the smoke content at the end of eight hours and it will be completely dissipated.

HOW TO APPLY

(Shake contents before using)

Figure the proper number of fumigators necessary for fumigation. Distribute the fumigators in the center aisle of ordinary greenhouses in the following manner: One can within 10 feet of the ends of the greenhouse and the remaining fumigators spaced equidistant throughout the length of the greenhouse. As you space the fumigators in their proper positions, you should unscrew and remove the top covers. Ridge and furrow greenhouses will require more than one operator.

After fumigators have been properly distributed prior to ignition, use a match or cigarette lighter and light sparkler at the bottom near the handle wire so that it will burn toward the top end of the sparkler. Then, after the sparkler is lighted, insert it into the contents of the fumigator. The first fumigator to be ignited should be

in position for lighting

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PREPARATION OF GREENHOUSE

1. Close all ventilators and openings in the greenhouse before fumigating
2. Lock or barricade all entrances or post warning signs at entrances. Keep unprotected persons from entering area being fumigated.

OPERATING CONDITIONS

At start of fumigation, greenhouse temperature should be between 60°F and 80°F. Foliage and blossoms must be dry. Avoid fumigating on rainy or windy days. It is advisable to avoid fumigating on days which have been preceded by several days of cloudy or rainy weather.

VENTILATION

Do not drop temperature suddenly when ventilating as this may cause undesirable moisture condensation. To avoid sleepiness of Carrotions, particularly in hot weather, ventilate at the end of four hours. The greenhouse should be thoroughly ventilated for one hour following a fumigation before greenhouse workers are allowed in the greenhouse. Ventilation should be continued until the smoke has completely disappeared from greenhouses which are kept mostly tight. Otherwise, the remaining smoke will gradually dissipate from the greenhouse so that at the end of eight hours it has entirely disappeared.

HOW TO APPLY

(Shake contents before using)

Figure the number of fumigators to be used in the greenhouse. Distribute the fumigators in the center area of the greenhouse, leaving the fumigator material about 12 to 14 feet from the walls of the greenhouse and the remaining space being occupied by the fumigators in the center of the greenhouse. AS YOU SPACE THE FUMIGATORS IN THEIR PROPER POSITIONS, YOU SHOULD UNSCREW AND REMOVE THE TOP COVERS. Ridge and furrow greenhouses will require more than one fumigator.

After fumigation has been completed, enter the greenhouse and use a fan to stir the air in the center and light sparkler at the bottom near the furrows to stir the air toward the top end of the sparkler. Then, after the sparkler has been removed, turn the contents of the fumigator. The first fumigator to be ignited should be near the furrow near the exit of the greenhouse. Proceed to the next fumigator until all fumigators are ignited, then exit the greenhouse IMMEDIATELY.

REPEAT APPLICATIONS

One or two repeat applications at an interval of about one week should be used to clean up severe infestations. Resistant white flies may require 4 or 5 treatments from 3 to 5 days apart. Consult the label for changes if necessary.

— — REMEMBER — —

- Wear a gas mask and protective clothing if you should have to enter the smoke for any reason.
- Keep workmen and other persons out of area next to fumigation if leakage of smoke from the greenhouse is evident in such areas. This applies to connecting passageways, utility rooms, show rooms, etc. adjacent to greenhouses.

FULLER SYSTEM, INC.

WOBURN, MASS.