

Directions For Applying **LETHALAIRE** G-68

**IMPORTANT** — First read the precautions printed on right panel of label.

**ENTOMOLOGICAL RECOMMENDATIONS:** When applied as an aerosol, **LETHALAIRE G-68** is recommended for the control of aphids, spider mites, mealybugs, whiteflies, omnivorous leaf roller, thrips, vegetable leaf miner and cabbage worms on greenhouse tomatoes, lettuce, cucumbers, radishes, roses, carnations and chrysanthemums. Limitations: Apply up to one day before harvest on listed eatable greenhouse crops.

**PREPARATION OF THE GREENHOUSE:** (1) Pull weeds and remove plant leaves touching the ground. (2) Spray or dust crops in nearby outside frames to destroy sources of greenhouse reinfestation. (3) Close all doors, windows and ventilators. (4) Lock or barricade all entrances, post warning signs, and take whatever other precautions are necessary under the circumstances to prevent unprotected persons from entering the treated area. (5) Be sure the blossoms and foliage are dry. (6) Adjust the inside temperature to between 70 F-85 F. (7) Place this cylinder in the greenhouse 2-3 hours before using so that the temperature of the contents can equalize with the room temperature.

**MUSHROOM HOUSES:** For the Control of Adult Sciarid Flies and Phorid Flies. Apply at the rate of two ounces per 3,000 cubic feet, or one pound of G-68 will treat 25,000 cubic feet; one 4-pound cylinder will treat 100,000 cubic feet of space. Application is to be made every four days as a preventive or when insects are present. Applications should be repeated as necessary to maintain control. Do not use G-68 within one day of harvest.

**DOSAGE: For Most Greenhouse Ornamentals:** — 1 ounce of G-68 will treat 3,000 cu. ft. of space; 1 pound of G-68 will treat 50,000 cu. ft.; one 4-lb. cylinder will treat 200,000 cu. ft. of space.

**HOW TO APPLY:** Use only approved applicator devices for generating an aerosol and calibrated for rate of flow. Operator must wear a gas mask approved for use in the presence of DDVP vapors and be clothed to protect hands, neck and all other skin surfaces. (1) Point applicator nozzle upward. (2) Invert the cylinder, valve down, and open the valve about 1 turn of the handwheel. (3) Walk down the aisle pointing the nozzle 2 to 3 feet above the tops of the plants; two benches can be treated from each side of the aisle. Having calculated the dosage and the time required to eject the material, the walking speed can be determined with fair accuracy. Weigh cylinder before and after use to check dosage.

**General Rule:** — Apply any time that the greenhouse ventilators can remain closed for two hours without endangering crops from high temperatures, such as early morning, cloudy days or late afternoons.

**DURATION OF THE EXPOSURE:** If application is made during the day, keep the greenhouse closed tightly for at least 2 hours. Then, ventilate the enclosure thoroughly for an hour before resuming regular work. If application is made in the late afternoon, the house can be kept closed all night. On the following morning, ventilate for one hour to render air safe for regular work. All work in the house must be suspended while ventilators remain closed. Ventilate before resuming work.

**REPETITION OF TREATMENTS:** To obtain desired degree of control, the following repetition of treatments is recommended:

1. Aphids, whiteflies, mealybugs, omnivorous leaf roller, vegetable leaf miner, cabbage worms, and chrysanthemum leaf miner — 2 to 3 applications at weekly intervals.

2. Red Spider Mites (including most resistant forms), thrips, and cabbage loopers — 3 or 4 applications four days apart.

A preventive schedule of monthly applications with G-68 will assist in avoiding build up of pests.

Seller makes no warranty, expressed or implied, concerning the use of this product other than indicated on the label. Buyer assumes all risk of use and/or handling of this material when such use and/or handling is contrary to label instructions.



An Aerosol Insecticide Containing  
**10% VAPONA\***



**FOR GREENHOUSE AND MUSHROOM HOUSE USE ONLY**

<b>ACTIVE INGREDIENTS:</b>	By Weight
2,2-Dichlorovinyl Dimethyl Phosphate (DDVP)	9.3%
Related Compounds	0.7%
<b>INERT INGREDIENTS</b>	90.0%
<b>TOTAL</b>	<b>100.0%</b>

Keep out of the reach of children.



**POISON**



See Antidote Statement and Other Required Warning Statements on the Side Panel.

**DANGER!**

- ALWAYS USE AN APPROVED GAS MASK WHEN APPLYING
- Not for use or storage in or around the home.
- Poisonous if swallowed, inhaled or absorbed through skin.
- Read all of label carefully. Use only as directed.
- Keep away from heat and open flame.
- Do not breathe vapor.
- Do not get vapor or liquid on skin.
- Do not get vapor or liquid on eyes.
- Keep away from feed and food products
- Do not get on clothing.
- ALWAYS USE AN APPROVED GAS MASK WHEN APPLYING and have an extra gas mask of a type passed by the U. S. Department of Agriculture for DDVP insecticide protection available in case of emergency.

NET WEIGHT— 4 lbs.

EPA Reg. No. 118702

A Product of

**VIRGINIA CHEMICALS INC.**

PORTSMOUTH, VIRGINIA 23703

Small Reg. 1.5

**BEFORE USING THIS PRODUCT  
READ THESE PRECAUTION**

1. **DO NOT CONTACT THE SKIN.** Gloves impervious should be worn. Head and all skin surfaces completely covered with protective cloth application.
2. **DO NOT INHALE DDVP MIST.** Wear a gas mask passed by the U. S. Department of Agriculture protection.
3. **ADEQUATE PERSONAL HYGIENE AND CLEANLINESS** are necessary. After applying remove clothing and bathe thoroughly with warm water and soap. Wash clothing before re-use.
4. **DO NOT CONTAMINATE FOOD.** eat, smoke or chew tobacco in the operating area.
5. **THIS PRODUCT IS TOXIC TO FISH AND WILDLIFE.** Keep out of lakes, streams or ponds. Do not contaminate water by cleaning of equipment, or disposal of wastes. Apply this product only as specified on this label.

**ANTIDOTE AND FIRST AID TREATMENT**

**ATROPINE IS THE EMERGENCY ANTIDOTE FOR DDVP INSECTICIDE POISONING.** 2-PAM is also antidotal and may be administered in conjunction with atropine. Consult physician about obtaining an adequate supply of 1/100-gr tablets for emergency use. **CALL A PHYSICIAN IMMEDIATELY IN CASES OF SUSPECTED POISONING.**

**Internal:** If the material has been swallowed, induce vomiting. This may be done by introducing a finger into the mouth giving warm salt water (1 tablespoon of salt to a glass of water).

**NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON**

**External:** If the material has been spilled on the skin, remove patient from the vicinity of the insecticide, remove contaminated clothing, and wash skin with soap and running water. If material gets into the eyes, wash immediately with running water at least ten minutes.

**If Warning Symptoms Appear:** Administer two 1/100-gr tablets immediately. NEVER ADMINISTER ATROPINE UNLESS WARNING SYMPTOMS APPEAR. (See warning symptoms below.) Patient prone and quiet. Start artificial respiration immediately if not breathing. Transport the patient immediately to a physician.

**NOTE TO PHYSICIAN**

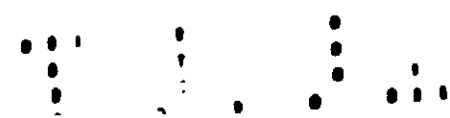
**Warning Symptoms:** Symptoms include weakness, headache, chest, blurred vision, non-reactive pin-point pupils, sweating, nausea, vomiting, diarrhea, and abdominal cramps.

**Treatment** — Atropine is the specific therapeutic antagonist against parasympathetic nervous stimulation. 2-PAM is also and may be administered in conjunction with atropine. If signs of parasympathetic stimulation, atropine sulfate injected at 10 minute intervals, in doses of 1 to 2 milligrams, complete atropinization has occurred. Morphine is contraindicated. Clear chest, postural drainage. Oxygen administration. Observe patient continuously for 48 hours. Repeated doses of cholinesterase inhibitors may, without warning, increase susceptibility to very small doses of any choline ester. Avoid any further exposure until time for choline repletion has been allowed as determined by blood test.

This cylinder contains a liquid under pressure. Do not expose to temperatures higher than 140°F.

ACCEPTED WITH COMMENTS

**ACCEPTED**



**LETHALAIRE G-68**



An Aerosol Insecticide Containing  
**10% VAPONA\***

**FOR GREENHOUSE AND MUSHROOM HOUSE USE ONLY**

<b>ACTIVE INGREDIENTS:</b>	<b>By Weight</b>
2,2-Dichlorovinyl Dimethyl Phosphate (DDVP)	9.3%
Related Compounds	0.7%
<b>INERT INGREDIENTS</b>	90.0%
<b>TOTAL</b>	<b>100.0%</b>

**Keep out of the reach of children.**



**POISON**



See Antidote Statement and Other Required Warning Statements  
on the Side Panel.

**DANGER!**

- **ALWAYS USE AN APPROVED GAS MASK WHEN APPLYING**
- **Not for use or storage in or around the home.**
- **Poisonous if swallowed, inhaled or absorbed through skin.**
- **Read all of label carefully. Use only as directed.**
- **Keep away from heat and open flame.**
- **Do not breathe vapor.**
- **Do not get vapor or liquid on skin**
- **Do not get vapor or liquid on eyes**
- **Keep away from feed and food products**
- **Do not get on clothing.**
- **ALWAYS USE AN APPROVED GAS MASK WHEN APPLYING and have an extra gas mask of a type passed by the U. S. Department of Agriculture for DDVP insecticide protection available in case of emergency.**

**NET WEIGHT—4 lbs.**

U. S. D. A. Reg. No. 103412

A Product of

**VIRGINIA CHEMICALS INC.**

PORTSMOUTH, VIRGINIA 23703

Patent Reg. T.M.

**BEFORE USING THIS PRODUCT  
READ THESE PRECAUTIONS**

- 1. DO NOT CONTACT THE SKIN.** Goggles impervious to DDVP should be worn. Head and all skin surfaces should be completely covered with protective clothing during application.
- 2. DO NOT INHALE DDVP MIST.** Wear a gas mask of a type passed by the U. S. Department of Agriculture for DDVP protection.
- 3. ADEQUATE PERSONAL HYGIENE AND CLEANLINESS** are necessary. After applying, remove clothing and bathe thoroughly with warm water and soap. Wash clothing before re-use.
- 4. DO NOT CONTAMINATE FOOD.** Eat, smoke or chew tobacco in the operating area.
- 5. THIS PRODUCT IS TOXIC TO FISH AND WILD-LIFE.** Keep out of lakes, streams or ponds. Do not contaminate water by cleaning of equipment, or disposal of wastes. Apply this product only as specified on this label.

LOT No.

**ANTIDOTE AND FIRST AID TREATMENT**

**ATROPINE IS THE EMERGENCY ANTIDOTE FOR DDVP INSECTICIDE POISONING.** 2-PAM is also antidotal and may be administered in conjunction with atropine. Consult your physician about obtaining an adequate supply of 1/100-grain atropine tablets for emergency use. **CALL A PHYSICIAN IMMEDIATELY IN ALL CASES OF SUSPECTED POISONING.**

**Internal:** If the material has been swallowed, induce vomiting immediately. This may be done by introducing a finger into the throat or by giving warm salt water (1 tablespoon of salt to a glass of water).

**NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON**

**External:** If the material has been spilled on the skin, immediately remove patient from the vicinity of the insecticide, remove all contaminated clothing, and wash skin with soap and running water. If the material gets into the eyes, wash immediately with running water for at least ten minutes.

**If Warning Symptoms Appear:** Administer two 1/100-grain atropine tablets immediately. **NEVER ADMINISTER ATROPINE UNLESS WARNING SYMPTOMS APPEAR.** (See warning symptoms below.) Keep patient prone and quiet. Start artificial respiration immediately if patient is not breathing. Transport the patient immediately to the nearest physician.

**NOTE TO PHYSICIAN**

**Warning Symptoms:** Symptoms include weakness, headache, tightness in chest, blurred vision, non-reactive pin-point pupils, salivation, sweating, nausea, vomiting, diarrhea, and abdominal cramps.

**Treatment —** Atropine is the specific therapeutic antagonist of choice against parasympathetic nervous stimulation. 2-PAM is also antidotal and may be administered in conjunction with atropine. If there are signs of parasympathetic stimulation, atropine sulfate should be injected at 10-minute intervals, in doses of 1 to 2 milligrams, until complete atropinization has occurred. Morphine is contraindicated. Clear chest by thoracic drainage. Oxygen administration may be necessary. Keep patient continuously for 48 hours. Repeated exposure to cholinergic agents may, without warning, cause pronounced symptoms. Very small doses of any cholinergic agent may further exacerbate and prolong the cholinesterase inhibition. Has been all well as determined by blood test.

This material contains a liquid under pressure. Do not drop the container or expose it to temperatures above 120° F.

**ACCEPTED**

Directions For Applying **LETHALAIRE** G-68

**IMPORTANT** — First read the precautions printed on right panel of label.

**ENTOMOLOGICAL RECOMMENDATIONS:** When applied as an aerosol, **LETHALAIRE G-68** is recommended for the control of aphids, spider mites, mealybugs, whiteflies, greenhouse leaf miner, thrips, vegetable leaf miner and cabbage worms in greenhouses, tomatoes, lettuce, cucumbers, radishes, roses, carnations, and chrysanthemums. Limitations: Apply up to one day before harvest on listed eatable greenhouse crops.

**PREPARATION OF THE GREENHOUSE:** (1) Pull weeds and remove plant leaves touching the ground. (2) Spray or dust crops in nearby outside frames to destroy sources of greenhouse reinfestation. (3) Close all doors, windows and ventilators. (4) Lock or barricade all entrances, post warning signs, and take whatever other precautions are necessary under the circumstances to prevent unprotected persons from entering the treated area. (5) Be sure the blossoms and foliage are dry. (6) Adjust the inside temperature to between 70 F-85 F. (7) Place this cylinder in the greenhouse 2-3 hours before using so that the temperature of the contents can equalize with the room temperature.

**MUSHROOM HOUSES:** For the Control of Adult Sciarid Flies and Phorid Flies. Apply at the rate of two ounces per 3,000 cubic feet, or one pound of G-68 will treat 25,000 cubic feet, one 4-pound cylinder will treat 100,000 cubic feet of space. Application is to be made every four days as a preventive or when insects are present. Applications should be repeated as necessary to maintain control. Do not use G-68 within one day of harvest.

**DOSAGE: For Most Greenhouse Ornamentals:** — 1 ounce of G-68 will treat 3,000 cu. ft. of space; 1 pound of G-68 will treat 50,000 cu. ft.; one 4-lb. cylinder will treat 200,000 cu. ft. of space.

**HOW TO APPLY:** Use only approved applicator devices for generating an aerosol and calibrated for rate of flow. Operator must wear a gas mask approved for use in the presence of DDVP vapors and be clothed to protect hands, neck and all other skin surfaces. (1) Point applicator nozzle upward. (2) Invert the cylinder valve down, and open the valve about 1/4 turn of the handwheel. (3) Walk down the aisle pointing the nozzle 2 to 3 feet above the tops of the plants; two benches can be treated from each side of the aisle. Having calculated the dosage and the time required to eject the material, the walking speed can be determined with fair accuracy. Weigh cylinder before and after use to check dosage.

**General Rule:** — Apply any time that the greenhouse ventilators can remain closed for two hours without endangering crops from high temperatures, such as early morning, cloudy days or late afternoons.

**DURATION OF THE EXPOSURE:** If application is made during the day, keep the greenhouse closed tightly for at least 2 hours. Then, ventilate the enclosure thoroughly for an hour before resuming regular work. If application is made in the late afternoon, the house can be kept closed all night. On the following morning, ventilate for one hour to render air safe for regular work. All work in the house must be suspended while ventilators remain closed. Ventilate before resuming work.

**REPETITION OF TREATMENTS:** To obtain desired degree of control, the following repetition of treatments is recommended:

1. Aphids, whiteflies, mealybugs, corn leaf-roller, vegetable leaf miner, cabbage worms, and chrysanthemum leaf miner — 2 to 3 applications at weekly intervals.

2. Red Spider Mites, and other most resistant tomato thrips, and cabbage loopers — 3 or 4 applications four days apart.

A preventive schedule of monthly applications with G-68 will assist in avoiding build up of pests.

Seller makes no warranty, expressed or implied, concerning the use of this product other than indicated on the label. Buyer assumes all risk of use and/or handling of this material when a label and/or handling instructions are present on the container.

27-161-1-1 Made in U.S.A.



An Aerosol Insecticide Containing  
**10% VAPONA**

**G-68**

FOR GREENHOUSE AND MUSHROOM HOUSE USE ONLY

ACTIVE INGREDIENTS:	By Weight
2,2-Dichlorovinyl Dimethyl Phosphate (DDVP)	9.5%
Related Compounds	0.7%
INERT INGREDIENTS	90.0%
TOTAL	100.0%

Keep out of the reach of children.



See Antidote Statement and Other Required Warning Statements on the Side Panel.

**DANGER!**

- ALWAYS USE AN APPROVED GAS MASK WHEN APPLYING
- Not for use or storage in or around the home.
- Poisonous if swallowed, inhaled or absorbed through skin.
- Read all of label carefully. Use only as directed.
- Keep away from heat and open flame.
- Do not breathe vapor.
- Do not get vapor or liquid on skin.
- Do not get vapor or liquid on eyes.
- Keep away from feed and food products.
- Do not get on clothing.
- ALWAYS USE AN APPROVED GAS MASK WHEN APPLYING and have an extra gas mask of a type passed by the U. S. Department of Agriculture for DDVP insecticide protection available in case of emergency.

NET WEIGHT—4 lbs.

U.S. D.A. Reg. No. 118712

A Product of

**VIRGINIA CHEMICALS INC.**

PORTSMOUTH, VIRGINIA 23103

**BEFORE USING THIS PRODUCT  
READ THESE PRECAUTIONS**

1. **DO NOT CONTACT THE SKIN.** Gloves impervious to DDVP should be worn. Head and all skin surfaces should be completely covered with protective clothing during application.
2. **DO NOT INHALE DDVP MIST.** Wear a gas mask of a type passed by the U. S. Department of Agriculture for DDVP protection.
3. **ADEQUATE PERSONAL HYGIENE AND CLEANLINESS** are necessary. After applying remove clothing and bathe thoroughly, with warm water and soap. Wash clothing before re-use.
4. **DO NOT CONTAMINATE FOOD.** eat, smoke or chew tobacco in the operating area.
5. **THIS PRODUCT IS TOXIC TO FISH AND WILDLIFE.** Keep out of lakes, streams or ponds. Do not contaminate water by cleaning of equipment, or disposal of wastes. Apply this product only as specified on this label.

LOT NO.

**ANTIDOTE AND FIRST AID TREATMENT**

**ATROPINE IS THE EMERGENCY ANTIDOTE FOR DDVP INSECTICIDE POISONING.** 2-PAM is also antidotal and may be administered in conjunction with atropine. Consult your physician about obtaining an adequate supply of 1/100-grain atropine tablets for emergency use. CALL A PHYSICIAN IMMEDIATELY IN ALL CASES OF SUSPECTED POISONING.

**Internal:** If the material has been swallowed, induce vomiting immediately. This may be done by introducing a finger into the throat or by giving warm salt water (1 tablespoon of salt to a glass of water).

**NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON**

**External:** If the material has been spilled on the skin, immediately remove patient from the vicinity of the insecticide, remove all contaminated clothing, and wash skin with soap and running water. If the material gets into the eyes, wash immediately with running water for at least ten minutes.

**If Warning Symptoms Appear:** Administer two 1/100-grain atropine tablets immediately. NEVER ADMINISTER ATROPINE UNLESS WARNING SYMPTOMS APPEAR. (See warning symptoms below.) Keep patient prone and quiet. Start artificial respiration immediately if patient is not breathing. Transport the patient immediately to the nearest physician.

**NOTE TO PHYSICIAN**

**Warning Symptoms:** Symptoms include weakness, headache, tightness in chest, blurred vision, non-reactive pin-point pupils, salivation, sweating, nausea, vomiting, diarrhea and abdominal cramps.

**Treatment** — Atropine is the specific therapeutic antagonist of choice against parasympathetic nervous stimulation. 2-PAM is also antidotal and may be administered in conjunction with atropine. If there are signs of parasympathetic stimulation, atropine sulfate should be injected at 10-minute intervals, in doses of 1 to 2 milligrams, until complete atropinization has occurred. Morphine is contraindicated. Clear chest by postural drainage. Oxygen administration may be necessary. Observe patient continuously for 48 hours. Repeated exposure to cholinesterase inhibitors may, without warning, cause profound susceptibility to very small doses of any cholinesterase inhibitor. Avoid further exposure until time for cholinesterase inhibition has been allowed, as determined by field test.

This product contains a mild oxidizing pressure. Do not drop the container or expose to temperatures higher than 110°F.

ACCEPTED  
JUN 22, 1971  
1187-62

Comment

# **LETHALAIRE**

# **G-68**

## **ANTIDOTE AND FIRST AID TREATMENT:**

1. **Warning Symptoms.** Any person developing symptoms of weakness, headache, tightness in chest, blurred vision, nausea, diarrhea and abdominal cramps during or following usage of Lethalaire G-68 must be removed immediately to fresh air. The victim should lie down and be quiet. Call a physician immediately.
2. **Internal.** If G-68 is ingested, induce vomiting immediately by introducing a finger into the throat or administering an emetic such as a tablespoon of salt in a glass of warm water.
3. **External.** If skin is contaminated, remove all contaminated clothing and wash thoroughly with soap and running water. If eyes are contaminated wash immediately with running water for at least ten minutes.
4. **Antidote.** Atropine is antidotal and may be administered at the discretion of a physician. 2-PAM is also antidotal and may be administered in conjunction with atropine.
5. Consult G-68 label for note to physician and further information.

Lethalaire Aerosols are available in the following additional formulations for greenhouse use:

G-52 5% TEPP	G-57 5% Dithiono	G-62 15% Malathion
G-54 10% Parathion	G-61 2% Lindane - 10% Aramite	G-68 10% Vapona (DDVP)
	G-64 10% Phosdrin	

Consult your latest Lethalaire Greenhouse Pest Control Chart for proper recommendations.

Seller makes no warranty, expressed or implied, concerning the use of this product other than indicated on the label. Buyer assumes all risk of use and/or handling of this material when such use and/or handling is contrary to label instructions.

## **Virginia Chemicals Inc.**

Portsmouth, Virginia 23703

## **AN AEROSOL INSECTICIDE CONTAINING 10% VAPONA<sup>(1)</sup> FOR GREENHOUSE USE ONLY**

### **DIRECTIONS FOR APPLYING**

Read and follow carefully these and all label directions before using Lethalaire G-68 aerosol.

**ENTOMOLOGICAL RECOMMENDATIONS:** When applied as an aerosol, Lethalaire G-68 is recommended for the control of aphids, spider mites, mealybugs, whiteflies, omnivorous leaf roller, thrips, vegetable leaf miner and cabbage worms on greenhouse tomatoes, lettuce, cucumbers, radishes, roses, carnations and chrysanthemums. Limitations: Apply up to one day before harvest on eatable greenhouse crops.

**OPTIMUM DOSAGE REQUIREMENTS:** For most greenhouse ornamentals

- a. 1 oz. of Lethalaire G-68 treats 3,000 cu. ft. of enclosure space
- b. 1 lb. of Lethalaire G-68 treats 50,000 cu. ft. of enclosure space
- c. One 4-pound cylinder of G-68 treats 200,000 cu. ft. of enclosure space
- d. Do not use within 7 days of sulfur applications

**Keep out of the reach of children.**



# **POISON**

See Antidote Statement and Other Required Warning Statements on the Side Panel.

# **DANGER!**

**PRECAUTIONS:** Always wear a full-face gas mask of a type passed by the United States Department of Agriculture for DDVP protection. Observe all protective measures as outlined.

**REPETITION OF TREATMENTS:** To obtain desired degree of control, the following repetition of treatments is recommended:

1. Aphids, whiteflies, mealybugs and chrysanthemum leaf miner — 2 to 3 applications at weekly intervals
2. Red Spider Mites (including most resistant forms) and cabbage loopers — 3 or 4 applications four days apart

Apply at intervals of monthly application with G-68 will not prevent build up of pests.

## LETHALAIRE GREENHOUSE AEROSOLS

### General Instructions

#### A. HOW TO PREPARE THE GREENHOUSE BEFORE APPLICATION

1. Pull weeds and remove plants which touch the ground and could harbor the pests.
2. Destroy weeds in areas near the greenhouse and spray or dust crops in nearby frames to eliminate sources of reinfestation.
3. Close all doors, windows and ventilators.
4. Lock or barricade all entrances, post warning signs, and take whatever other precautions are necessary to prevent unprotected persons from entering the treated area.
5. Be sure the foliage and blossoms are dry.
6. Adjust the greenhouse temperature to between 70°F. and 85°F.
7. Keep humidity as low as possible, preferably below 75%.
8. Place cylinders in greenhouse 2 to 3 hours before using so that temperature of contents can be equalized with that of the greenhouse.
9. Maintain adequate nutrient levels in the soil, especially nitrogen and potash. Inadequate levels may increase the danger of plant injury.

#### B. PROTECTIVE MEASURES FOR THE OPERATOR – IMPORTANT

1. Avoid contact with the skin at all times. Rubber-covered gloves, protective hood (MSA #CF33370) and complete protective clothing should be worn at all times when using or handling the aerosol. Be sure No Bare Skin is Exposed. If skin is contaminated, wash carefully with soap and running water immediately.
2. Avoid inhalation of the insecticide vapors by wearing a tight-fitting, full-vision face mask of a type specifically approved by the U.S. Bureau of Mines for each aerosol formulation used (Parathion, TEPP, Phosdrin, etc.) and replace used canister with a new one in accordance with manufacturers' recommendations. (Example: Acme Chin Style Gas Mask with 282-OVAG-R canister.)
3. Adequate personal hygiene and cleanliness of operation is essential. At the end of each application remove and wash clothing in soapy water, being careful not to let anyone contact contaminated clothing prior to laundering. The operator should also bathe with warm water and soap.
4. Avoid contamination of food and feed. Eating, smoking and chewing tobacco should be prohibited in the operating area.
5. Never apply Lethalaire Greenhouse Aerosols when an open flame is present.

#### C. APPLICATION OF LETHALAIRE GREENHOUSE AEROSOLS

1. General Rule: Apply any time, such as early morning or late afternoon, when the ventilators can remain closed for at least one to two hours without endangering crops because of high temperature.
2. Prepare greenhouse for application as outlined above.
3. Measure area to determine cubic footage and calculate dosage required.
4. Calculate treating time necessary to apply the correct dosage. Applicators are rated for time in minutes to dispense a given amount of aerosol. Lethalaire applicators discharge at a rate of 11.2 oz. per minute or 1 lb. each 1.43 minutes when temperature is 80°F. Use a spraying time of 2 seconds for each 1000 cu. ft. of space.
5. Weigh cylinder and contents before connecting applicator.
6. Be sure operator is adequately protected as outlined above.
7. Insert cylinder, valve down, into carrying sack and connect applicator. Sling strap of carrying sack over shoulder.
8. To apply: With applicator nozzle directed upward, open handwheel a full turn. Walk down the aisle directing aerosol 2 or 3 feet above the tops of all plants. Never Apply Direct to Foliage or Flowers. Four benches (20 ft.) can be treated at one time -- two on each side of aisle. Keep accurate check on treating time to assure proper dosage.
9. After applying, weigh cylinder to check weight actually discharged. If additional dosage is required, retreat the center aisle. (Full steel cylinder weight is approximately 9½ lbs. -- empty weight, approximately 5½ lbs. -- Aluminum Cylinder weighs 3 lbs. less.)
10. The house should be well ventilated at least one hour before re-entering after application.

#### D. CARE OF EQUIPMENT:

1. Store filled cylinders in a clean, well-ventilated place where temperatures will not be excessive. Adjust them, as described above, to greenhouse temperature (about 80°F) before application. Do not store in direct sunlight.
2. After each application, disassemble nozzle tip and screen and clean all parts in kerosene, alcohol or hot water. Be sure the grooves in the nozzle core are free from dirt particles. Dry, reassemble parts and store in a dry, dirt-free place, nozzle up, to drain and dry.
3. Sponge off mask and gloves with strong soapy water after each application. Dry thoroughly and replace in carrying case with canister. Set case in an upright position to prevent settling of canister contents to one side which reduces its period of usefulness.
4. Replace canister in accordance with recommendations of the manufacturer.