RESTRICTED USE PESTICIDE
DUE TO ACUTE TOXICITY
For retail sale to and use by Certified Applicators or persons under their direct supervision, and only for those uses covered by the Certified Applicator’s certification.

**TERR-O-GAS® 98**
PREPLANT SOIL FUMIGANT

**ACTIVE INGREDIENT**
- Methyl bromide................................................. 98%
- Chloropicrin....................................................... 2%
**TOTAL................................................................. 100%**

This product weighs 14.4 pounds per gallon.

**DANGER • PELIGRO • POISON**
KEEP OUT OF REACH OF CHILDREN

Si Usted no entiende la etiqueta, busque a alguien para que se la explique a Usted en detalle.
(If you do not understand the label, find someone to explain it to you in detail).

**FIRST AID**

| If inhaled | Move person to fresh air. Keep warm. |
| If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. |
| Do not give anything by mouth to an unconscious person. If not unconscious, rinse mouth out with water. |
| In all cases of overexposure, get medical attention immediately. Take person to a doctor or emergency treatment facility. |

| If on skin or clothing | Immediately remove contaminated clothing, shoes, and any other item on skin. |
| Rinse skin immediately with plenty of water for 15-20 minutes. |
| In all cases of overexposure, get medical attention immediately. Take person to a doctor or emergency treatment facility. |

| If in eyes | Hold eye open and rinse slowly and gently with water for 15-20 minutes. |
| Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. |
| In all cases of overexposure, get medical attention immediately. Take person to a doctor or emergency treatment facility. |

**HOT LINE NUMBER**

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-949-5167 for emergency treatment information.

**NOTE TO PHYSICIAN**

Early symptoms of overexposure are dizziness, headache, nausea and vomiting, weakness and collapse. Lung edema may develop in 2 to 48 hours after exposure, accompanied by cardiac irregularities; these effects are the usual cause of death. Repeated overexposures can result in blurred vision, staggering gait and mental imbalance, with probable recovery after a period of no exposure. Blood bromide levels suggest the occurrence, but not the degree, of exposure. Treatment is symptomatic.

SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

**Great Lakes**
CHEMICAL CORPORATION
P.O. BOX 2200 • WEST LAFAYETTE, INDIANA 47996-2200 • U.S.A.

**EPA REG. NO. 5785-22**
**EPA EST. NO. 5785-CA-01**
PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Danger. Extremely hazardous liquid and vapor under pressure. Do not breathe vapors. Inhalation may be fatal or cause serious acute illness or delayed lung or nervous system injury which may have a delayed onset. This product contains chloropicrin which is very irritating to the upper respiratory tract, and even at low levels can cause painful irritation to the nose, throat, and eyes, producing tearing. If these symptoms occur, leave the fumigation area immediately. Continued exposure after irritation is evident, or higher concentrations, may cause painful irritation to the eyes or temporary blindness which may cause panic that may in turn lead to further accidents.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Some materials that are chemical-resistant to this product are Teflon®, EVAL barrier laminate and Viton®. For more options, follow the instructions for category H on the chemical-resistance category selection chart.

When not performing tasks with liquid contact potential, all handlers (including applicators) must wear:

- Long-sleeved shirt and long pants, and
- Shoes and socks.
- Do not wear jewelry, gloves, goggles, tight clothing, rubber protective clothing, or rubber boots when handling. Methyl bromide and chloropicrin are heavier than air and can be trapped inside clothing and cause skin injury.

While performing tasks with liquid contact potential, all handlers (including applicators) must wear:

- Long-sleeved shirt and long pants,
- Chemical-resistant gloves,
- Chemical-resistant apron,
- Protective eyewear (Do NOT wear goggles), and
- Chemical-resistant footwear and socks.

In addition, all handlers (including applicators) must wear a:

- NIOSH-approved half-face, full-face, or hood-style respirator with a cartridge or canister certified by the manufacturer for protection from exposure to methyl bromide at concentrations up to 5 ppm (e.g., a 3M air-purifying respirator equipped with 3M Model 60928 Organic Vapor/Acid GasP100 cartridges).

IMPORTANT: A self-contained breathing apparatus (SCBA) is not permitted for routine handler tasks. Wear an SCBA and PPE required for liquid contact potential in emergencies such as a spill or leak or when corrective action is needed to reduce air levels to acceptable levels.

Observe all User Safety requirements and User safety recommendations as set forth in the supplemental labeling, TOG98-5RevA.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to mammals and birds. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwaters or rinsate. Methyl bromide and chloropicrin have certain properties and characteristics in common with chemicals that have been detected in groundwater (methyl bromide and chloropicrin are highly soluble in water and have low adsorption to soil).

For untapered applications of methyl bromide and chloropicrin, leaching and runoff may occur if there is heavy rainfall after soil fumigation.

PHYSICAL AND CHEMICAL HAZARDS

Contents under pressure. Do not use or store near heat or open flame. In fires fueled by other materials, Terr-O-Gas® 98 may liberate hazardous gases. The use of Terr-O-Gas® 98 with aluminum, magnesium, zinc and alkali metals will result in the liberation of toxic gases, and possible fire and explosion. In addition, severe corrosion of containers and equipment made of these metals will occur.

DIRECTIONS FOR USE

Restricted Use Pesticide

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

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 C.F.R. Part 170. Refer to supplemental labeling under “Agricultural Use Requirements” in the Directions for Use section for information about this standard.

STORAGE, HANDLING, AND DISPOSAL

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

Storage and Handling. Store in a secure manner either outdoors under ambient conditions or indoors in a well ventilated area. Post as a pesticide storage area. Store cylinders upright, secured to a rack or wall to prevent tipping. Do not subject containers to rough handling or mechanical shock such as dropping, bumping, dragging or sliding. Do not use rope slings, hooks, tongs or similar devices to unload cylinders. Transport cylinders using hand truck, fork truck or other device to which cylinders can be firmly secured. Do not remove valve protection bonnet and safety cap until immediately before use. Replace safety cap and valve protection bonnet when cylinder is not in use. When cylinder is empty, close valves, screw safety caps on to valve outlets, and replace protection bonnet before returning to shipper. Only the registrant, or his designee, is authorized to refill cylinders. Do not use cylinders for any other purpose.

Pesticide Disposal. Pesticide wastes are toxic. Improper disposal of excess pesticide 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.

Container Disposal (cylinders). Return empty cylinders according to the Great Lakes Chemical Corporation Cylinder Return Policy. Contact Great Lakes for policy details. Replace safety cap and valve protection bonnet. Return partial cylinders only after consulting Great Lakes Chemical Corporation for proper shipping instructions.
SPILL AND LEAK PROCEDURES FOR SOIL FUMIGATION
In case of a rupture of hose or fitting while applying fumigant, immediately stop tractor and motor. Evacuate everyone from the immediate area of the spill or leak. Wear the personal protective equipment specified in the Hazards to Humans and Domestic Animals section of this labelling for entry into affected area to correct problem. Approach from upwind to make necessary repairs. Do not enter area without the required PPE until the spill has evaporated or the leak has been fixed.

Contaminated soil, water and other cleanup debris is a toxic hazardous waste. Report spill to the National Response Center (800-424-8802) if the reportable quantity of 1000 pounds is exceeded.

Refer to the supplemental label # TOG98-5Rev.A for additional precautionary information, Directions for Use and Storage and Disposal instructions. Notice: Read the entire label. Use only according to label directions.

STATEMENT OF WARRANTY AND LIABILITY
The directions for use of this product are believed to be adequate and must be followed carefully.

Seller warrants that this product complies with the specifications expressed in this label and supplemental label # TOG98-5Rev.A. SELLER MAKES NO OTHER WARRANTIES, AND DISCLAIMS ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO WARRANTIES OF MERCHANTABILITY AND FITNESS FOR THE INTENDED PURPOSE. To the extent consistent with applicable law, Seller's liability for default, breach, or failure under this label shall be limited to the amount of the purchase price. To the extent consistent with applicable law, Seller shall have no liability for consequential damages.

NET WEIGHT ________________________________ LBS.

LOT NUMBER ________________________________

TOG98-2 Rev. CA-22-Q
INHALATION HAZARD

WARNING: Contains methyl bromide, a substance which harms public health and environment by destroying ozone in the upper atmosphere.

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RESTRICTED USE PESTICIDE DUE TO ACUTE TOXICITY

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

TERR-O-GAS® 98 PREPLANT SOIL FUMIGANT

ACTIVE INGREDIENT: Methyl bromide ........................................ By Wt. 98% Chloropicrin .............................................................. 2%
TOTAL ................................................................. 100%

This product weighs 14.4 pounds per gallon.

DANGER • PELIGRO • POISON KEEP OUT OF REACH OF CHILDREN

Si Usted no entienda esta etiqueta, busque a alguien para que le explique a Usted en detalle. (If you do not understand the label, find someone to explain it to you in detail).

Notice: Read this booklet and the entire label carefully prior to use of product. Use this product only according to label directions.

FIRST AID

If Inhaled: Move person to fresh air. Keep warm. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth to mouth, if possible. Do not give anything by mouth to an unconscious person. If unconscious, rinse mouth out with water. In all cases of overexposure, get medical attention immediately. Take person to a doctor or emergency treatment facility.

If on Skin or Clothing: Immediately remove contaminated clothing, shoes, and any other item on skin. Rinse skin immediately with plenty of water for 15-20 minutes. In all cases of overexposure, get medical attention immediately. Take person to a doctor or emergency treatment facility.

If in Eyes: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. In all cases of overexposure, get medical attention immediately. Take person to a doctor or emergency treatment facility.

HOT LINE NUMBER

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-949-5167 for emergency treatment information.

NOTE TO PHYSICIAN

Early symptoms of overexposure are dizziness, headache, nausea and vomiting, weakness and collapse. Lung edema may develop in 2 to 48 hours after exposure, accompanied by cardiac irregularities; these effects are the usual cause of death. Repeated overexposures can result in blurred vision, staggering gait and mental imbalance, with probable recovery after a period of no exposure. Blood bromide levels suggest the occurrence, but not the degree, of exposure. Treatment is symptomatic.

P.O. BOX 2200 WEST LAFAYETTE, IN 47966-2200 U.S.A.
Supplemental Label # TOG89-5Rev.A EPA REG. NO. 5785-22 EPA EST. NO. 5785-CA-01

the application and must directly supervise all persons performing handling activities.

For handling activities that take place after the fumigant has been delivered and dispersed into the soil until the entry restricted period expires, the certified applicator does not have to be on-site, but must have communicated in a manner that can be understood by the site owner/.operator and handlers responsible for carrying out those activities the information necessary to comply with the label and procedures described in the FMP (e.g., emergency response plans and procedures). Communication activities must be captured in the FMP.

IMPORTANT: this requirement does not override the requirements in the Worker Protection Standard for Agricultural Pesticides for information exchange between owners/operators of agricultural establishments and commercial pesticide applicators.

The certified applicator must provide Fumigant Safe Handling information to each handler involved in the application or confirms that each handler participating in the application has received Fumigant Safe Handling information in a manner they can understand within the past twelve months. Fumigant Safe Handling information will be provided where this product is purchased or on the EPA’s Fumigationtraining.org website.

For all handling tasks at least two handlers trained under the provisions of the WPS 40 CFR 110.230 must be present.

EXCLUSION OF NON HANDLERS FROM APPLICATION BLOCK

The certified applicator supervising the application and the owner/operator of the establishment where the fumigation is taking place must make sure that all persons who are not trained and PPE-equipped and who are not performing any of the handling tasks as stated in this labeling are excluded from the application block during the entry restricted period.

PROVIDING, CLEANING, AND MAINTAINING PPE

The employer of any handler (as stated in this label) must make sure that all handlers are provided and correctly wear the required PPE. The PPE must be cleaned and maintained as required by the Worker Protection Standard for Agricultural Pesticides.

AIR-PURIFYING RESPIRATOR AVAILABILITY FOR PRE-PLANT SOIL USES

At a minimum two handlers must have the appropriate air-purifying respirator and cartridges available. These respirators must be tested, trained, and medically examined. This must be documented in the FMP.

The employer of any handler must confirm that an air-purifying respirator and appropriate cartridges of the type specified in the PPE section of this labeling are immediately available for each handler who will wear one.

Availability of Respirators for Emergencies

The employer of any handler must confirm that at least one self-contained breathing apparatus (SCBA) is on-site and ready for use in case of an emergency. This must be documented in the FMP.

RESPIRATORY FIT TESTING, MEDICAL QUALIFICATION, AND TRAINING

Employers must verify that any handler who uses a respirator is:

- Fit-tested and fit-checked using a program that conforms to OSHA’s requirements (see 29 CFR Part 1910.134)
- Trained using a program that conforms to OSHA’s requirements (see 29 CFR Part 1910.134)
- Examined by a qualified medical practitioner to ensure physical ability to safely wear the style of respirator to be worn. A qualified medical practitioner is a physician or other licensed health care professional who will evaluate the ability of a worker to wear a respirator. The initial evaluation consists of a questionnaire that asks about medical conditions (such as a heart condition) that would be problematic for respirator use. If concerns are identified, then additional evaluations, such as a physical exam, might be necessary. The initial evaluation must be done before respirator use begins. Handlers must be reexamined by a qualified medical practitioner if their health status or respirator style or use conditions change. Upon request by local/state/federal/tribal enforcement personnel, employers must provide documentation demonstrating how they have complied with these requirements.

RESPIRATORY PROTECTION AND STOP WORK TRIGGERS

Air purifying respirators must be worn during all handler tasks and the following air monitoring procedures must be followed to ensure that the upper protection limit of the air purifying respirator plus respirator cartridge is not exceeded (8 hrs., 5 ppm for methyl bromide and 1.5 ppm for chloropicrin):

- Air monitoring samples for methyl bromide and chloropicrin must be collected at least every hour in the breathing zone of a handler performing a representative handling task. Breathing zone samples must be taken outside respiratory protection equipment and within a 10 inch radius of the handler’s nose and mouth.
- To monitor air concentration levels, a direct reading detection device, such as a Methylene-Chloride Draeger, or Semidetly device must be used. The devices must have sensitivity of at least 1 ppm for methyl bromide and 0.15 ppm for chloropicrin.
- If at any time (1) a handler experiences any sensory irritation while wearing an air-purifying respirator, or (2) any air sample is greater than or equal to 5 ppm for methyl bromide, or (3) any air sample is greater than or equal to 1.5 ppm for chloropicrin, then all handler activities must cease and handlers must be removed from the application block.
- In order to resume work activities:
  - Two consecutive air samples for methyl bromide and chloropicrin

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PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Danger. Extremely hazardous liquid and vapor under pressure. Do not breathe vapors. Inhalation may be fatal or cause serious acute illness or delayed lung or nervous system injury which may have a delayed onset. This product contains chlordiazepoxide which is very irritating to the upper respiratory tract, and even at low levels can cause painful irritation to the nose, throat, and eyes, producing tearing. If these symptoms occur, leave the migration area immediately. Continued exposure after irritation is evident, or higher concentrations, may cause painful irritation to the eyes or temporary blindness which may cause panic that may in turn lead to further accidents.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Some materials that are chemical-resistant to this product are Tetrafluoroethylene, Ethyl Chloride, and Vinyl. For more options, follow the instructions for category A on the chemical resistance category selection chart.

When not performing tasks with liquid contact potential, all handlers (including applicators and applicators) must wear:
- Long-sleeved shirt and long pants,
- Shoes and socks,
- Do not wear jewelry, gloves, goggles, eye contact, rubber protective clothing, or rubber boots when handling. Methyl bromide and chlorothalonil are heavier than air and can be trapped inside clothing and cause skin injury.

While performing tasks with liquid contact potential, all handlers (including applicators and applicators) must wear:
- Long-sleeved shirt and long pants,
- Chemical-resistant gloves,
- Chemical-resistant apron,
- Protective eyewear (Do NOT wear goggles),
- Chemical-resistant footwear and socks.

In addition, all handlers (including applicators) must wear a:
- NIOSH-approved half-face, full-face, or hood-style respirator with a cartridge or canister certified by the manufacturer for protection from exposure to methyl bromide at concentrations up to 5 ppm (e.g., a 3M air-purifying respirator equipped with 3M Model 100 Spot, Organic Vapor/Acid Gas/P100 cartridge).

IMPORTANT: A self-contained breathing apparatus (SCBA) is not permitted for routine handler tasks. Wear an SCBA and PPE required for liquid contact potential in emergencies such as a spill or leak when corrective action is needed to reduce air levels to acceptable levels.

USER SAFETY REQUIREMENTS

- Immediately after contamination, remove outer clothing, shoes and socks, and do not reuse until thoroughly aerated. Wash clothing and shoes outdoors until thoroughly aerated.
- Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product. Do not reuse them.
- Follow manufacturer’s instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

USER SAFETY RECOMMENDATIONS

Users should:
- Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

This product is toxic to mammals and birds. Do not apply directly to water, or to areas where surface water in present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwaters or rinsate.

Methyl bromide and chlorothalonil have certain properties and characteristics in common with chemicals that have been detected in groundwater (methyl bromide and chlorothalonil are highly soluble in water and have low adsorption to soil). For untargeted applications of methyl bromide and chlorothalonil, leaching and runoff may occur if there is heavy rainfall after soil application.

PHYSICAL AND CHEMICAL HAZARDS

Contents under pressure. Do not use or store near heat or open flame. In fires fueled by other materials, Terr-O-Gas® 66 may liberate hazardous gases. The use of Terr-O-Gas® 66 with aluminum, magnesium, zinc and alkali metals will result in the liberation of toxic gases, and possible fire and explosion. In addition, severe corrosion of containers and equipment made of these metals will occur.

DIRECTIONS FOR USE
Restricted Use Pesticide

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR Part 190. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements in this labeling about personal protective equipment, restricted-entry intervals, and notification to workers. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard (WPS).

No instructions elsewhere on this labeling relieve users from complying with the requirements of the WPS.

For the entry restricted period and notification requirements, see the Entry Restricted Period and Notification sections of this labeling. PPE for Entry During the Entry-Restricted Period: PPE for entry that is permitted by this labeling is listed in the Hazards to Humans and Domestic Animals section of this labeling.

General Precautions

- This fumigant is a highly hazardous material and should be used only by individuals trained in its proper use. Before using, read and follow all label precautions and directions.
- All persons working with this fumigant must be knowledgeable about the hazards, and trained in the use of required respiratory equipment and detector devices, emergency procedures, and proper use of the fumigant.
- Comply with all local regulations and ordinances. Obtain an application permit from Agricultural Regulatory Agencies as required.
- Handle this fumigant in the open, with the operator "upwind" from the container where there is good ventilation.
- When fumigating soil from a tractor, 5 gal of water must be carried on the tractor and placed where it is readily accessible. In addition to water available on the tractor, at least 5 gal additional water must be available from the service tank. This water must be potable and in containers marked "Decontamination water not to be used for drinking."
- Keep pets, livestock, and other domestic animals out of the treated area during application and during fumigant perforation and/or removal, if a fumigant is used.

HANDLERS

The following activities are prohibited from being performed in the application block (i.e., the greenhouse or field or portion of a field treated with a fumigant in any 24-hour period) by anyone other than persons who have been appropriately trained and equipped as handlers in accordance with the requirements in the Worker Protection Standard (40 CFR Part 190) from the start of the application until the entry restricted period ends (NOTE: persons installing, perforating, removing, repurposing, and monitoring tarps are considered handlers for the durations listed below). Those activities include those persons:
- Participating in the application as supervisors, loaders, drivers, tractor co-pilots, shovellers, cross-ditchers, or as other direct application participants (the application starts when the fumigant is first introduced into the soil and ends after the fumigant has stopped being delivered/dispersed to the soil);
- Using devices to take air samples to monitor fumigant air concentrations;
- Cleaning up fumigant spills (this does not include emergency personnel not associated with the fumigation application);
- Handling or disposing of fumigant containers;
- Cleaning, handling, adjusting, or repairing the parts of fumigation equipment that may contain fumigant residues;
- Installing, repairing, operating, or removing irrigation equipment in the fumigation application block;
- Entering the application site to perform scouting, crop advising, or monitoring tasks;
- Installing, perforating (cutting, punching, slicing, poking), removing, repurposing, or monitoring tarps:
  - until 14 days after application is complete if tarps are not perforated and removed during those 14 days, or
  - until tarp removal is complete if tarps are both perforated and removed less than 14 days after application; or
  - until 48 hours after tarp perforation is complete if they will not be removed within 14 days after application.
NOTE: see Tarp Perforation and Removal section on this labeling for requirements about when tarps are allowed to be perforated.
- Performing any handling tasks as defined by the WPS.

PROTECTION FOR HANDLERS

SUPERVISION OF HANDLERS

For all applications: from the start of the application until the fumigant has stopped being delivered/dispersed into the soil, i.e., after the soil is sealed, the certified applicator must be at the fumigation site in the line of sight of
---DANGERPELIGRO---
- "Area under fumigation, DO NOT ENTER IN ENTIRE."  
- "Methyl Bromide and Chloropicrin Fumigant in USE,"  
- the date and time of fumigation,  
- the date and time entry restricted period is over,  
- Terr-O-Gas® 98, and  
- Name, address, and telephone number of the certified applicator in charge of the fumigation.
Post the Fumigant Treated Area sign instead of the WPS sign for this application but follow all WPS requirements pertaining to location, legibility, size, and timing of posting and removal.
Post the Fumigant Treated Area sign at all entries to the application block (i.e., the greenhouse or field or portion of a field treated with a fumigant in any 24-hour period).

MANDATORY GOOD AGRICULTURAL PRACTICES (GAPs)

The following GAPs must be followed during all fumigation applications. All measurements and other documentation planned to ensure that the mandatory GAPs are achieved must be recorded in the FMP and/or the Post-Application Summary.

Tars required for all applications except for deep shank orchard treat [California only] and hand held tissue block applications:
- Tars must be installed prior to starting hot gas applications.
- Tars must be installed immediately after the fumigant is applied to the soil for broadcast or fumigation applications.
- A written tarp plan must be developed and included in the FMP. The tarp plan must include:
  - schedules and procedures for checking tarp for damage, tears, and other problems.
  - plans for determining when and how repairs to tarps will be made, and by whom.
  - minimum time following injection that tarp will be repaired.
  - minimum size of tarp damage that will be repaired.
  - other factors used to determine how and when tarp repair will be conducted.
  - schedule, equipment, and methods used to prevent tarp remove.
  - aeriation plans and procedures following fumigation of tarp, or broadcast or barrier fumigation procedures.
  - schedule, equipment, and procedures for tarp removal.

Weather Conditions
Prior to fumigating the weather forecast for the day of the application and the 48-hour period following the fumigation must be checked to determine if unfavorable weather conditions exist (see Identifying Unfavorable Weather Conditions) or are predicted and whether fumigation should be delayed.
Wind speed at the application site must be a minimum of 2 mph at the start of the application or forecasted to reach at least 5 mph during the application.  
Do not apply if a shallow, compressed [low] [low] temperature inversion is present for more than 10 hours. This shallow cold air is a result of a strong wind period after the start of the application, or if there is an air stagnation 
advise issued by the National Weather Service in effect for the area in which the fumigation is planned.  
Detailed local forecasts for weather conditions, wind speed, and air stagnation advise may be obtained on line at: http://www.weather.gov or by contacting your local National Weather Service Forecasting Office.

Identifying Unfavorable Weather Conditions
Unfavorable weather conditions block upward movement of air which results in trapping fumigant vapors near the ground. The resulting air mass can move faster and other than a correctly trained and PPE-equipped handler who is performing a handling task listed on this label is PROHIBITED from the start of the application until:
- 5 days [96 hours] after the application for complete tarping applications;
- 5 days [120 hours] after the application for complete tarping applications; or
- until tarp removal is complete if tarp are removed and have been used for at least 14 days after application.

Entry Restricted Period and Notification
Entry (including early entry that would otherwise be permitted under the WPS) is not permitted for any reason—other than a correctly trained and PPE-equipped handler who is performing a handling task listed on this label is PROHIBITED from the start of the application until:
- 5 days [96 hours] after the application for complete tarping applications; or
- 5 days [120 hours] after the application for complete tarping applications. Note: Persons installing, repairing, or monitoring tarp handlers are allowed only 14 days after the application is complete. Tarp handlers are not permitted and removed during those 14 days.
- 48 hours after tarp perforation is complete if tarp will not be removed for at least 14 days following application, or
- until tarp removal is complete if tarp are removed and have been removed less than 14 days after application.

Tarp Perforation and/or Removal
Notify workers of the application by warning them orally and by posting Fumigant Treated Area signs. The signs must bear the skull and crossbones symbol and state:
- Measure soil moisture at a depth of 9 inches at 9-inch intervals of the field, no more than 48 hours prior to application.

Soil Moisture Determination
The USDA Soil and Appearance Method for estimating soil moisture as approximately 15% during the fumigation treatment period:
- For coarse textured soils (fine sand and loamy fine sand), the soil is moist enough (50 to 75 percent available soil water moisture) to form a weak ball with loose and settled sand grains on fingers, darkened color, moderate water staining on fingers, will not roll.
- For moderately coarse textured soils (loamy sand and fine sandy loam), the soil must not enough (50 to 75 percent available soil water moisture) to form a ball with defined finger marks, very light soilwater staining on the fingers, darkened color, and forms a weak rip between the thumb and forefinger.
- For fine textured soils (clay loam, clay, and silty clay loam), the soil is moist enough (50 to 75 percent available soil water moisture) to form a smooth ball with defined finger marks, light soilwater staining on fingers, between thumb and forefinger.
- For fields with more than one soil texture, soil moisture content in the lightest textured [most sandy] areas must comply with this soil moisture requirement. In all other cases, the soil moisture content is limited to 50 to 75 percent of available soil water moisture content of the area to be treated, a local extension service agent, soil conservation service specialist, or pest control advisor (agricultural consultant) should be consulted for assistance.

Soil Preparation
Soil must be properly prepared and at the surface generally be free of clods or stones or other material large or larger. The area to be fumigated must be tilled to a depth of 6 to 8 inches.

Field trash must be properly managed. Residue from a previous crop must be worked into the soil to allow for decomposition prior to fumigation. Little or no crop residue shall be present on the soil surface. Crop residue that is present must not interfere with the soil seal. Removing the crop residue prior to fumigation is important to limit the natural "chimneys" that occur in the soil when crop residue is present. These "chimneys" allow soil fumigants to migrate through the soil quickly and escape into the atmosphere. This may create potentially harmful conditions for workers and bystanders and limit the efficiency of the fumigant. However, crop residue on the field serves to prevent soil erosion from both wind and water and is an important consideration. To accommodate erosion control, fumigant efficacy, and human and environmental protection, clear crop residue must be left close to the timing of the fumigation as possible to limit the length of time that the soil would be exposed to potentially erosive weather conditions.

Weather Conditions
Prior to fumigating the weather forecast for the day of the application and the 48-hour period following the fumigation must be checked to determine if unfavorable weather conditions exist (see Identifying Unfavorable Weather Conditions) or are predicted and whether fumigation should be delayed.

Wind speed at the application site must be a minimum of 2 mph at the start of the application or forecasted to reach at least 5 mph during the application.  
Do not apply if a shallow, compressed [low] temperature inversion is present for more than 10 hours. This shallow cold air is a result of a strong wind period after the start of the application, or if there is an air stagnation 
advise issued by the National Weather Service in effect for the area in which the fumigation is planned.  
Detailed local forecasts for weather conditions, wind speed, and air stagnation advise may be obtained on line at: http://www.weather.gov or by contacting your local National Weather Service Forecasting Office.

Identifying Unfavorable Weather Conditions
Unfavorable weather conditions block upward movement of air which results in trapping fumigant vapors near the ground. The resulting air mass can move faster and other than a correctly trained and PPE-equipped handler who is performing a handling task listed on this label is PROHIBITED from the start of the application until:
- 5 days [96 hours] after the application for complete tarping applications;
- 5 days [120 hours] after the application for complete tarping applications. Note: Persons installing, repairing, or monitoring tarp handlers are allowed only 14 days after the application is complete. Tarp handlers are not permitted and removed during those 14 days.
- 48 hours after tarp perforation is complete if tarp will not be removed for at least 14 days following application, or
- until tarp removal is complete if tarp are removed and have been removed less than 14 days after application.

Tarp Perforation and/or Removal
Notify workers of the application by warning them orally and by posting Fumigant Treated Area signs. The signs must bear the skull and crossbones symbol and state:
Tree Replant Application Using Handheld Equipment

In addition to the GAPs required for all soil fumigation applications, the following GAPs apply for tree re-plant applications. This application method is used when methyl bromide is applied to individual tree sites in an existing orchard where fumigation applications are not possible:

**Site Preparation**
- Remove the tree stump and primary root system in each individual tree site with a back-hoe or other similar equipment, for example an auger.
- The hole must be backfilled with soil before application.

**Application Depth**
- The fumigant must be injected at least 18 inches into the soil.

**System Flush**
- Before removing the application wand from the soil the wand must be cleaned using nitrogen or compressed air.

**Soil Sealing**
- After the wand is cleaned and removed from the soil, the injection hole must be either covered with soil and tamped or the soil must be compacted over the injection hole.

**Planting Interval**
- Wait a minimum of two weeks after fumigation before planting or transplanting. If odors of the fumigant persist beyond this two-week period (and after tarps are perforated and removed), disc or plow the soil to help aeration.

**Pre-Plant Soil Fumigation in Greenhouses: Mandatory GAPs**
- During the application keep doors, vents and windows to the outside open and fans or other mechanical ventilation systems running with the application block.
- Leaks through which gases could enter adjacent enclosed areas must be sealed.
- Application of TERR-O-GAS® 98 to greenhouse soils is by the same methods as for field soils (see above). Consult dosage rate table for proper rates of application.

**Hot Gas Applications to Soil, Potting Mires, and Tobacco Seeding Trays: Mandatory GAPs**
- Potting media including decomposed compost, soil mixes, and manure can be fumigated with this product.
- Fumigation should take place outdoors or in a well ventilated area away from desirable plants or occupied buildings.
- The soil/potting mix material to be treated must be at least 60°F but must not exceed 90°F. The material must be loose and moist enough for good seed germination.
- To ensure a good seal, pile the potting soil mix material on a concrete floor or on wet ground.
- Pile to a depth of 18 inches. Piles two to three feet high can also be treated provided perforations are made in the pile surface at one foot intervals to allow penetration.
- Once the pile has been made, install supports to hold the cover a few inches above the pile surface to aid in proper fumigation diffusion.
- Evaporating pans are essential for the volatilization and uniform dispersion of fumigant except where a vaporizer is used. Shallow pans or basins made of plastic or metal (except aluminum) are satisfactory for this purpose.
- For delivery of this product from outside the tarpaulin, polyethylene tubing is required.
- Anchor one end of each polyethylene tube into an evaporating pan with tape or a suitable weight. This ensures the liquid will be directed into the evaporating pan.
- Place evaporating pan(s) with anchored applicator tubing about 30 feet apart on the pile surface.
- Extend the free ends of the polyethylene tubes outside the area to be covered.
- Cover with a tarp that is 4 mil or greater in thickness.
- Seal the edges of tarps by burying, covering with moist sand, or soil or by means of sand snakes.
- Attach applicator tube to the cylinder valve outlet and release fumigant.
- Use a cylinder dispenser or scale to meter small amounts from cylinders.
- The fumigant must be introduced from outside of the application block (i.e., the greenhouse, or field or portion of a field treated with a fumigant in any 24-hour period) (see entry restrictions and respiratory protection sections for further details).
- Consult dosage rate table for proper rates of application.
- All fittings, connections, and valves must be checked for methyl bromide leaks prior to operation. If cylinders are replaced during the fumigation process, the connections and valves must be checked for leaks prior to continuing the job.
- At the end of the entry restriction period, unsheathe opposite ends of the tarp and allow to air out for at least 30 minutes before completely removing the tarp.

**Preparation**
- Do not apply or allow fumigant to spill onto the soil surface. For each injection line either have a check valve located as close as possible to the final injection point, or drain/purge the line of any remaining fumigant prior to filling injection shanks from the ground.
- Do not lift injection shanks from the soil until the shut-off valve has been closed and the fumigant has been depressurized (passively drained) or purged (actively forced out via air compressor) from the system.

**Calibration, Set-up, Repair, and Maintenance for Application Rigs**
- Brass, carbon steel or stainless steel fittings must be used throughout. Polyethylene tubing, polypropylene tubing, Teferon® tubing or Teflon®-lined steel braided tubing must be used for all low pressure lines, drain lines, and compressed air or pressure lines. All other tubing must be Teferon®-lined steel braided.
- Galvanized, PVC, nylon or aluminum pipe fittings must not be used.
- All rigs must include a filter to remove any particulates from the fumigant, and for pressurized systems a check valve to prevent backflow of the fumigant into the pressurizing cylinder or the compressed air system.
- Rigs must include a flow meter or a constant pressure system with orifice plates to insure the proper amount of fumigant is applied.
- To prevent the backflow of fumigant into the compressed gas cylinder (e.g., hydrogen, other inert gas, compressed air) if used, applicators must:
  - If a compressed gas cylinder is used, make sure that positive pressure is maintained in the compressed gas cylinder at not less than 20 psi during the entire time it is connected to the application rig. (This is not required for a compressed air system that is part of the application rig because if the compressor system fails the application rig will not be operable.)
  - Ensure that application rigs are equipped with properly functioning check valves between the compressed gas cylinder or compressed air system and the fumigant cylinder. The check valve is best placed on the inlet side of the pressure regulator, and is oriented to allow compressed gas to flow out of the cylinder or compressed air out of the compressed air system.
  - Always pressurize the system with compressed gas or by use of a compressed air system before opening the fumigant cylinder valve.
  - Before using a fumigation rig for the first time, or when preparing it for use after storage, the operator must follow the following items carefully:
    - Check the filter, and clean or replace the filter element as required.
    - Check all tubes and check the orifice plates and screen checks, if installed.
    - Purge the system with compressed gas or compressed air, and check all fittings, valves, and connections for leaks using soap solution.
    - Install the fumigant cylinder, and connect and secure all tubing. Slowly open the compressed gas or compressed air valve, and increase the pressure to the desired level. Slowly open the fumigant cylinder valve, always watching for leaks.
  - When the application is complete, close the fumigant cylinder valve and blow residual fumigant out of the fumigant lines into the soil using compressed gas or compressed air. At the end of the application, disconnect all fumigant cylinders from the application rig. At the end of the season, seal all tubing openings with tape to prevent entry of insects and dirt.
  - Application equipment must be calibrated and all control systems must be working properly. Proper calibration is essential for all application equipment to deliver the correct amount of fumigant uniformly to the soil. Refer to the manufacturer's instructions on how to calibrate your equipment, usually the equipment manufacturer, fumigant dealer, or Cooperative Extension Service can provide assistance.

**Hot Gas Soil Applications (Greenhouse and Outdoor): Mandatory GAPs**
- All delivery tubes must be placed under the tarp in such a way that they do not move during the application of methyl bromide.
- The fumigant must be introduced from outside of the application block (i.e., the greenhouse, or field or portion of a field treated with a fumigant in any 24-hour period) (see entry restrictions and respiratory protection sections for further details).
- All fittings, connections, and valves must be checked for methyl bromide leaks prior to fumigation. If cylinders are replaced during the fumigation process, the connections and valves must be checked for leaks prior to continuing the job.
To avoid phytotoxicity, sprays for 24-72 hours before planting.

- Fumigants in flats or tobacco seedling trays may also be treated. Arrange the flats or trays in loose cross-crisis stacks no more than 5 feet high, then cover and seal with a tarp as described above. Introduce the fumigant at the top and in the center of the stack. Use one injection point for each layer of 6-inch stacks. (See Table 2A of Circular 172 for more information.)

SPECIAL INSTRUCTIONS FOR THE CONTROL OF AMORALLA MELLEA (OAK ROOT FUNGUS) ON VINEYARDS AND DEICIDUOUS FRUITS AND NUTS:

- To obtain the maximum control of Armillaria mellea with Terra-Gro® 98, soil must be dry to a depth requiring treatment. This can be accomplished by (a) planting susceptible trees in the spring, irrigating until the grass has established itself, then withholding further irrigation; (b) naturally, by allowing plants to grow without irrigation.
- When soil is dry, cut and remove grass, plants and debris.
- Rip soil to a depth of 36 inches and disc to smoothness.
- Crops which are planted in this treated soil will not be harvestable for a period of at least 24 months.

Non-Tarp Chisel Application (Not for use in California):
- Space chisels up to 66 inches apart to a depth of 24 to 30 inches.
- In the row strip, treatments may be made by using a single shank.
- Chisels should have a wing welded on the back 2 to 4 inches above the chemical outlet to partially break the chisel mark.
- To fill in the chisel mark and seal the surface, disc and叩ack immediately after fumigant injection. Be sure that the disc and叩ack cover an area at least 33 inches beyond the chisels.

Tarp Chisel Application:
- Space chisels up to 66 inches apart to a depth of 24 to 30 inches.
- In the row strip, treatments may be made by using a single shank.
- Chisels should have a wing welded on the back 2 to 4 inches above the chemical outlet to partially break the chisel mark.
- To fill in the chisel mark and seal the surface, disc and叩ack immediately after fumigant injection. Be sure that the disc and叩ack cover an area at least 33 inches beyond the chisels.

- Apply tarp immediately after application.
- Refer to the dosage rate table for dosage rates.
- To insure the proper time-concentration relationship to control oak root funguses, the soil should be left undisturbed for at least 7 days after chisel application.

Replanting of trees, vines, or other deep-rooted orchard crops may begin 14 days later.

SPECIAL INSTRUCTIONS FOR NON-TARP NEMATODE CONTROL (ONLY FOR DEEP SHANK ORCHARD FREPLANT REPLANT AND HAND HELD TREE-HOLE APPLICATION IN CA):
- Do not apply to soil where trees or vines will be harvested fruit within 24 months.
- Flow or pip the soil to the depth to which effective treatment is required.
- To ensure maximum fumigant penetration, the soil at the point of injection should not contain more than 5 to 15% moisture depending on soil type. However, to ensure sealing, the top 6 to 12 inches of soil must be moistened to comply with the GAPs by means of a sprinker application of 1/4 to 1/2 inch of water, by natural rainfall, or other soil watering method prior to final preparation and application.
- Avoid treatment of soils that contain more than 30% clay or those with high organic content.

- Fumigate when the soil temperature is 60°F to 70°F at the depth of 6 inches. Do not fumigate when soil temperature is below 50°F or above 90°F.

Chisel Application:
- Apply with chisels spaced up to 66 inches apart to a depth of 24 to 30 inches.
- In the row strip, treatments may be made by using a single shank.
- Chisels should have a wing welded on the back 2 to 4 inches above the chemical outlet to partially break the chisel mark.
- To fill in the chisel mark and seal the surface, disc and叩ack immediately after fumigant injection. Be sure that the disc and叩ack cover an area at least 33 inches beyond the chisels.
- Refer to the dosage rate table for dosage rates.
- A waiting period of at least 14 days should be observed between application and planting.

SITE-SPECIFIC FUMIGATION/MANAGEMENT PLAN (FMP) 17

Prior to the start of fumigation, the certified applicator supervising the application must verify that a site-specific FMP exists for each application block (i.e., a greenhouse or field or portion of a field treated with a fumigant in any 24 hour period). In addition, a farm operation fumigating multiple application blocks may request the FMP to be reviewed by the individual who will be responsible for the application in the future of the area to be treated. The information provided in the FMP must be communicated to the applicator that is responsible for the application in the future of the area to be treated.

The FMP must be prepared by the certified applicator, the site owner/operator, registrar, or other party.

The certified applicator must verify in writing (sign and date) that the site-specific FMPs reflects current site conditions before the start of fumigation. Each site specific FMP must contain the following elements:

- Applicator information (name, phone number, pesticide applicator license and/or certificate number, employer name, employer address)
- General site information
  - Application block location (e.g., county, township-quad section)
  - General information (name, address, and phone number of owner/or operator of the application block)
- General application information (target application date and time, brand name of fumigant, EPA registration number)
- Tarp information and procedures for repair, perforation and removal (if tarp is used)
  - Brand name, lot number, thickness
  - Name and phone number of person responsible for repairing tarp
  - Schedule for checking tarp for damage, tears, and other problems
  - Minimum time following fumigation that the person responsible for the application block will respond
  - Minimum time following application that tarp will be repaired
  - Minimum size of damage that will be repaired
  - Other factors used to determine when tarp can be used
- Emergency procedures (extinction routes, locations of telephones, contact information for first responders, local/state/federal/tribal contacts, key personnel and emergency procedures/responsibilities in case of an incident, equipment/farm/failure or complaints, or other emergencies)
- Fumigant Treated Area posting procedures (person(s) who will post Fumigant Treated Area signs, location of Fumigant Treated Area sign(s), procedures for Fumigant Treated Area sign removal)
- Plan describing how communication will take place between applicator, land owner/manager, and other on-site handlers (e.g., tarp handlers/ removers, irrigation) for complying with label requirements (e.g., timing of tarp perforation and removal, PPE)
- Name and phone number of persons contacted
- Date contacted
- Authorized on-site personnel
  - Names, addresses and phone numbers of handlers
  - Tasks that each handler is authorized to perform
  - For handlers designated to wear respirator (air-purifying respirator or SCBA):
    - Date of medical qualification for respirator(s) that each handler is designated to wear
    - Date of training for respirator(s) that each handler is designated to wear
    - Date of fit testing for respirator(s) that each handler is designated to wear
- Air monitoring plan for the breathing zone
  - Representative hand tasks to be monitored
  - Monitoring equipment to be used and timing of monitoring
  - Good Agricultural Practices (GAPs)
  - Description of applicable mandatory GAPs
  - Measurements and documentation to ensure GAPs are achieved (e.g., measurement of soil and/or field conditions)
  - Description of hazard communication (The application block has been posted in accordance with the label. Pesticide product labels and material safety data sheets are on-site and readily available for employees to review)
  - Record-keeping procedures (the owner/operator of the application block, as well as the certified applicator, must keep a signed copy of the site-specific FMP for 2 years from the date of application).

For situations where an initial FMP is developed and certain elements do not change for multiple fumigation sites (e.g., applicator information, authorized on-site personnel, record-keeping procedures, emergency procedures) only elements that have changed need to be updated in the site-specific FMP provided following:

- The certified applicator supervising the application has verified that those elements are current and applicable to the application block before it is fumigated
- Record-keeping requirements are followed for the entire FMP (excluding elements that do not change)

Once the application begins, the certified applicator must make a copy of the FMP available for viewing by handlers involved in the fumigation. The certified applicator or the owner/ operator of the application block must provide a copy of the FMP to any local, state, federal, or tribal enforcement personnel who request the FMP. In the case of an emergency, the FMP must be made immediately available when requested by local/state/federal/tribal emergency response and enforcement personnel.

Within 30 days of completing the application portion of the fumigation process, the certified applicator supervising the application must complete a Post-Application Summary that describes any deviations from the FMP that have occurred, measurements taken to comply with GAPs, monitoring results, as well as any complaints and/or incidents that have been reported to him/her.

Specifically the Post-Application Summary must contain the following elements:

- Actual date of the application, application rate, and size of application block fumigated
- Summary of weather conditions on the day of the application and during the 48 hour period following the fumigated application
- Soil temperature measurement (If air temperatures were above 100 degrees F in any of the 3 days prior to the application)
- Tarp damage and repair information (if applicable)
- Location and size of tarp damage
- Description of tarp material and equipment failure
- Date and time of tarp repair
- Tarp perforation/removal details (if applicable)
- Description of tarp removal (if different than in the FMP)
- Date tarps were perforated
- Date tarps were removed
- Complaint details (if applicable)
  - Person filing a complaint (e.g., on-site handler, person off-site)
  - Filled person, name, address, and phone number of person filing a complaint
- Description of control measures or emergency procedures followed after a complaint
- Description of incidents, equipment failure, or other emergency and emergency procedures followed (if applicable)
- Details of elevated air concentrations monitored on-site (if applicable)
- Location of elevated air concentration levels
- Description of control measures or emergency procedures followed after a complaint
- Air monitoring plan for the breathing zone
  - When sensory irritation experienced:
    - Date and time of sensory irritation
  - Handler task/activity
  - Handler location where irritation was observed
  - Resulting action (e.g., cause operation, continue operation with air-purifying respirator)
  - When using a direct read instrument:
    - Type of sample (e.g., breathing zone)
    - Sample date and time
  - Handler task/activity
  - Handler location
  - Air concentration
  - Sampling method
  - Date of Fumigant Treated Area sign removal

Any deviations from the FMP

- Record-keeping procedures (the owner/operator of the application block, as well as the certified applicator, must keep a signed copy of the Post-Application Summary for 2 years from the date of application).
APPLICATION METHODS. Terr-O-Ger® 98 is to be used only as a preplant soil fumigant.

A. Tarps/Methods for Field, Nursery, Turf, Greenhouse, and Seed or Transplant Bed Soils.

Precautions for Periods: store in a secure location.

保管 준수: 저장할 때는 안전한 장소에 보관해 주세요.

Storage, Handling, and Disposal

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

Storage and Handling. Store in a secure manner either outdoors or in a well ventilated area. Post a purchase where it is secure to a rack or well to prevent tipping. Do not subject containers to rough handling or mechanical shock such as dropping, bumping, dragging or sliding. Do not use rope slings, hooks, tons or similar devices to fuel cylinders. Transport cylinders using hand truck, fork truck or other device to which cylinders can be firmly secured. Do not remove valve protection before and safety cap until immediately before use. Replace safety cap and valve protection before cylinder is not in use. Use cylinder is in use do not use cylinder for any purpose.

Precautions Pesticide, Pesticide waste is toxic to improper disposal of excess pesticide is a violation of federal law. If these wastes cannot be disposed of by use according to labeling instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste Representative at the nearest EPA Regional Office for guidance.

Container Disposal (cyzerin) Return empty cylinders according to the Great Lakes Chemical Corporation Quadrennial Return Policy. Contact Great Lakes for policy details. Return safety cap and valve protection before. Return partial cylinders only after consulting Great Lakes Chemical Corporation for shipping instructions.

STORAGE, HANDLING, AND DISPOSAL

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

Storage and Handling. Store in a secure manner either outdoors or in a well ventilated area. Post a purchase where it is secure to a rack or well to prevent tipping. Do not subject containers to rough handling or mechanical shock such as dropping, bumping, dragging or sliding. Do not use rope slings, hooks, tons or similar devices to fuel cylinders. Transport cylinders using hand truck, fork truck or other device to which cylinders can be firmly secured. Do not remove valve protection before and safety cap until immediately before use. Replace safety cap and valve protection before cylinder is not in use. Use cylinder is in use do not use cylinder for any purpose.

Precautions Pesticide, Pesticide waste is toxic to improper disposal of excess pesticide is a violation of federal law. If these wastes cannot be disposed of by use according to labeling instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste Representative at the nearest EPA Regional Office for guidance.

Container Disposal (cyzerin) Return empty cylinders according to the Great Lakes Chemical Corporation Quadrennial Return Policy. Contact Great Lakes for policy details. Return safety cap and valve protection before. Return partial cylinders only after consulting Great Lakes Chemical Corporation for shipping instructions.

SPILL AND LEAK PROCEDURES FOR SOL FUMIGATION

In case of a rupture of hose or filling while applying fumigant, immediately stop tractor and motor. Evacuate everyone from the immediate area of the spill or leak. Wear the personal protective equipment specified in the Hazards to Humans and Domestic Animals section of the label for entry into affected area to correct problem. Approach from upwind to make necessary repairs. Do not enter area without the required PPE until the spill has evaporated or the leak has been fixed.

Contaminated soil, water and other cleanup debris in a toxic hazardous waste. Ship spill to the National Response Center (1-800-424-8802) if the reportable quantity of 1000 pounds is exceeded.

STATEMENT OF WARRANTY AND LIABILITY

The directions for use of this product are believed to be adequate and must be followed carefully. Seller warrants that this product complies with the specifications expressed in this label. SELLER MAKES NO OTHER WARRANTIES, AND DISCLAIMS ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO WARRANTIES OF MERCHANTABILITY AND FITNESS FOR THE INTENDED PURPOSE. To the extent consistent with applicable law, Seller’s liability for default, breach, or failure under this label shall be limited to the amount of the purchase price. To the extent consistent with applicable law, Seller shall have no liability for consequential damages.

T8811A

Table 2. Maximum Application Rates for Crop/Uses Without Critical Use Exclusions

<table>
<thead>
<tr>
<th>Crop</th>
<th>Broadcast Application Rate (lbs Product/A)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Peppers (grown for fresh market)</td>
<td>200</td>
</tr>
<tr>
<td>Tomato (grown for fresh market)</td>
<td>200</td>
</tr>
<tr>
<td>Blueberries (raspberries, blackberries, boysenberries)</td>
<td>235</td>
</tr>
<tr>
<td>Ginger (H)</td>
<td>350</td>
</tr>
<tr>
<td>Vidalia Onions (CA)</td>
<td>350</td>
</tr>
<tr>
<td>Golf Course Tees, Greens, and Fairways</td>
<td>400</td>
</tr>
<tr>
<td>Athletic Fields 1</td>
<td>400</td>
</tr>
<tr>
<td>Tobacco Seedling Trays</td>
<td>7 lbs/1,000 trays</td>
</tr>
</tbody>
</table>

1 For resurfacing with hot gas method only.

Table 3. Maximum Application Rates For Quaranlne Uses

<table>
<thead>
<tr>
<th>Quarantine Uses</th>
<th>Maximum Application Rates</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fruit Flies</td>
<td>7 lbs/1,000 trays</td>
</tr>
<tr>
<td>Vegetable Flies</td>
<td>400</td>
</tr>
<tr>
<td>Other Pests</td>
<td>200</td>
</tr>
</tbody>
</table>

1 For treatments in areas where the plant is not used as a feed crop.

Table 1. Maximum Application Rates For Crop/Uses With Critical Use Exclusions

<table>
<thead>
<tr>
<th>Crop</th>
<th>Broadcast Application Rate (lbs Product/A)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Eggplant</td>
<td>200</td>
</tr>
<tr>
<td>Cucurbits (including melons, cantaloupe, watermelon, cucumber, squash, pumpkin, and gourds)</td>
<td>200</td>
</tr>
<tr>
<td>Forest Nursery Seedlings</td>
<td>400</td>
</tr>
<tr>
<td>Orchard Nursery Seedlings (raspberry, deciduous trees, roses)</td>
<td>400</td>
</tr>
<tr>
<td>Strawberries (New Jersey, California)</td>
<td>400</td>
</tr>
<tr>
<td>Orchard Replant (walnuts, almonds, stone fruit, table and wine grapes, wine grapes)</td>
<td>250</td>
</tr>
<tr>
<td>Orchard Replant (grapes)</td>
<td>250</td>
</tr>
<tr>
<td>Ornamentals 3, 4</td>
<td>400</td>
</tr>
<tr>
<td>Pepper, Bell</td>
<td>200</td>
</tr>
<tr>
<td>Strawberry Fruit</td>
<td>235</td>
</tr>
<tr>
<td>Sweet Potato Slips</td>
<td>200</td>
</tr>
<tr>
<td>Tomato (grown for fresh market)</td>
<td>200</td>
</tr>
</tbody>
</table>

1 The maximum rate for greenhouse hot gas applications is 1 lb product/100 ft².
2 The maximum rate for fumigating putting greens used for ornamentals (including decomposed compost, soil mixes and manures) is 1 lb product/100 ft².
3 The maximum rate for applications to individual tree holes using hand-shoved equipment is 1 lb product/100 ft² in light soils and 1.5 lb product/100 ft² in fine-textured soils.

The maximum application rate for quarantine uses shall be 200 lbs of methyl bromide per acre or less if specified in the applicable quarantine/phytosanitary requirements.

The U.S. Federal, state, or local plant, animal, environmental protection or health authority requiring the quarantine application and the particular quarantine/phytosanitary requirement must be identified in the site-specific quarantine management plan. Additionally, the requirement for application (e.g., the State or Federal law) must be listed in the site-specific quarantine management plan.