


PM-32

Reg # 8622-13

12/13

Please read instructions on reverse before completing form.

Form Approved, OMB No. 2070-0060. Approval expires 11-30-93

(A) 	United States Environmental Protection Agency Office of Pesticide Programs (H7505C) Washington, DC 20460	<input type="checkbox"/> Registration <input type="checkbox"/> Amendment <input type="checkbox"/> Other	OPP Identifier Number 203884
	Application for Pesticide:		
	Section I		

1. Company/Product Number 8622-13	2. EPA Product Manager Ruth Douglas	3. Proposed Classification <input type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) 67-33 Preplant Soil Fumigant	PM# 32	
5. Name and Address of Applicant (Include ZIP Code) Ameribrom, Inc. 52 Vanderbilt Avenue New York, NY 10017 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3)(b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____	

Section II

<input type="checkbox"/> Amendment - Explain below	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input checked="" type="checkbox"/> Notification - Explain below	<input type="checkbox"/> Other - explain below

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

NOTIFICATION of amendment of the label for this product according to EPA's PR notice 93-10. The amendment is under the heading "Environmental Hazards" on the label.

Section III

1. Material This Product Will Be Packaged in:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes* <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No		<input type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____	
* Certification must be submitted.		If "Yes," Unit Package wgt.	No. per container	If "Yes," Package wgt.	No. per container
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) of Retail Container		5. Location of Label Directions <input type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product	
6. Manner In Which Label Is Affixed To Product <input type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled				<input type="checkbox"/> Other (_____)	

Section IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)

Name Rhona McGee	Title Regulatory Affairs Asst.	Telephone No. (Include Area Code) (212) 692-6635
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Certification

I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.

2. Signature Rhona McGee	3. Title Regulatory Affairs Asst.	6. Date Application Received (Stamped)
4. Typed Name Rhona McGee	5. Date 9/26/95	

BEST AVAILABLE COPY

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS & DOMESTIC ANIMALS

DANGER HIGH ACUTE TOXICITY

Extremely hazardous liquid and vapor under pressure. Do not breathe vapor. Inhalation or ingestion may be fatal or cause serious acute illness or delayed lung or nervous system injury. Liquid or vapor can cause serious skin or eye injury which may have a delayed onset. Do not get liquid on skin, in eyes or on clothing.

This product contains chloropicrin, a volatile-liquid tear gas. Chloropicrin vapor is very irritating to the upper respiratory tract, and even at low levels can cause painful irritation to the nose and throat, and to the 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.

NOTE TO PHYSICIAN: Early symptoms of overexposure are intense lachrimation and irritation of mucous membranes, 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 overexposure 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.

ENVIRONMENTAL HAZARDS: This pesticide is toxic to wildlife. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

PHYSICAL HAZARDS: Do not use or store near heat, open flames, or sparking electrical equipment.

CHEMICAL HAZARDS: Do not use application devices incorporating natural rubber or aluminum or magnesium or their alloys; do not use water to clean them (Diesel oil is satisfactory).

AIR CONCENTRATION LEVEL

The acceptable air concentration level for persons exposed to chloropicrin is 0.1 ppm (0.7 mg/m³). The acceptable air concentration for persons exposed to methyl bromide is 5 ppm (20 mg/m³). The air concentration level is measured by a direct reading detection device, such as a Matheson-Kitagawa.

PERSONAL PROTECTIVE EQUIPMENT

Applicators and other handlers must wear:

Loose fitting or well ventilated long-sleeved shirt and long pants.
Shoes and socks.

Full-face shield or safety glasses with brow and temple shields when handling the liquid product (Do NOT wear goggles.) When the air concentration level is above 5 ppm and a respirator is required, protect the eyes by wearing a full-face respirator.

No respirator is required if the air concentration level of chloropicrin in the working area is measured to be less than 0.1 ppm AND the air concentration level of methyl bromide in the working area is measured to be less than 5 ppm.

A respirator is required if the acceptable air concentration level of 0.1 ppm for chloropicrin OR 5 ppm for methyl bromide is exceeded at any time. The respirator must be one of the following types: (a) a supplied-air respirator (MSHA/NIOSH approval number prefix TC-19C) OR (b) a self-contained breathing apparatus (SCBA) (MSHA/NIOSH approval number prefix TC-13F).

Under normal soil fumigation conditions, the air concentration level of chloropicrin in the working area will not generally exceed 0.1 ppm AND the air concentration level of methyl bromide in the working area will not generally exceed 5 ppm. Therefore, no respiratory protection is required. However, there is the possibility of a spill or leak during soil fumigation. Therefore, a respirator of a type specified above must be available and will be required for entry into an affected area in the event of a leak

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RESTRICTED USE DUE TO ACUTE

For retail sale to and use only by Certified Appl supervision, and only for those uses covered by t

67-3 PREPL SOIL FUN

FOR PREPLANT SOIL

ACTIVE INGREDIENTS:

METHYL BROMIDE

CHLOROPICRIN

INERT INGREDIENTS

AFTER

ACUTELY TOXIC (

14.2 LBS. Active Ingredient per

KEEP OUT OF REACH

DANGER



POISON

Si Usted no entiende la etiqueta, bus explique a Usted en detalle. (if you do someone to explain it to you in detail

STATEMENT OF PRACTIC

In all cases of overexposure, get medic person to a doctor or emergency treatm

If inhaled — Get exposed person to fre person can breathe freely. artificial respiration. Do no unconscious person.

If on skin — Immediately remo n contrar and any other item on skin

CHEMICAL HAZARDS: Do not use application devices incorporating natural rubber or aluminum or magnesium or their alloys; do not use water to clean them (Diesel oil is satisfactory).

ACUTELY TOXIC CHEMICAL
14.2 LBS. Active Ingredient per gal. (

3913

AIR CONCENTRATION LEVEL

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Loose fitting or well ventilated long-sleeved shirt and long pants.
Shoes and socks.

Full-face shield or safety glasses with brow and temple shields when handling the liquid product (Do NOT wear goggles.) When the air concentration level is above 5 ppm and a respirator is required, protect the eyes by wearing a full-face respirator.

No respirator is required if the air concentration level of chloropicrin in the working area is measured to be less than 0.1 ppm AND the air concentration level of methyl bromide in the working area is measured to be less than 5 ppm.

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Under normal soil fumigation conditions, the air concentration level of chloropicrin in the working area will not generally exceed 0.1 ppm AND the air concentration level of methyl bromide in the working area will not generally exceed 5 ppm. Therefore, no respiratory protection is required. However, there is the possibility of a spill or leak during soil fumigation. Therefore, a respirator of a type specified above must be available and will be required for entry into an affected area in the event of a leak or spill.

WORK SAFETY REQUIREMENTS

1. 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.
2. Immediately after contamination remove outer clothing, shoes, and socks and do not reuse until thoroughly aerated or ventilated. Keep such clothing and shoes outdoors until thoroughly aerated. Then follow the PPE manufacturer's instructions for cleaning/maintaining PPE. If there are no such instructions for washables, use detergent and hot water. Keep and wash PPE and work clothing separately from other laundry.
3. Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product. Do not reuse them.
4. Follow PPE manufacturer's instructions for cleaning/maintaining protective eyewear and respirators.

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.

DIRECTIONS FOR USE

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.

KEEP OUT OF REACH OF

DANGER



POISON

BEST AVAILABLE COPY

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

STATEMENT OF PRACTICAL TREATMENT

In all cases of overexposure, get medical attention immediately. Take person to a doctor or emergency treatment facility.

If inhaled — Get exposed person to fresh air immediately. If person can breathe freely, if breathing is difficult, give artificial respiration. Do not give mouth-to-mouth respiration to an unconscious person.

If on skin — Immediately remove contaminated clothing and any other item on skin. Wash skin thoroughly with soap and water.

If in eyes — Hold eyelids open and flush with copious amounts of water for at least 15 minutes.

See side panels for additional precautions.

EPA REG. NO. 8622-13

- EPA
- EPA
- EPA
- EPA

AmeriBrom, Inc.

52 VANDERBILT AVENUE
NEW YORK, NY 10017
TELEPHONE: (212) 286-4000
FAX: (212) 286-4475

IN CASE OF EMERGENCY
Chemtrec
or
AmeriBrom
5419 Santa Rosa Avenue
Camarillo, CA 93603
Call Collect

AB33/Rev 4 Net contents: _____ LBS./GAL.

PLACARDING OF FUMIGATED AREA

The applicator (or supervisor of the application) must place signs in the fumigated area with signs bearing:

- skull and crossbones symbol
- "DANGER/PELIGRO,"
- "Area under fumigation, DO NOT ENTER/NO ADMISSION,"
- "Methyl Bromide and Chloropicrin Fumigants,"
- the date and time of fumigation, and
- name, address, and telephone number of the applicator.

BEST AVAILABLE COPY

RESTRICTED USE PESTICIDE
DUE TO ACUTE TOXICITY

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

67-33
PREPLANT
SOIL FUMIGANT

FOR PREPLANT SOIL FUMIGATION

ACTIVE INGREDIENTS:	By Wt.
METHYL BROMIDE	66.8%
CHLOROPICRIN	32.8%
INERT INGREDIENTS	0.4%
TOTAL	100%

AFTER

ACUTELY TOXIC CHEMICAL

14.2 LBS. Active Ingredient per gal. (LIQUID IN CYLINDER)

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.)

STATEMENT OF PRACTICAL TREATMENT

In all cases of overexposure, get medical attention immediately. Take person to a doctor or emergency treatment facility.

If inhaled — Get exposed person to fresh air. Keep warm. Make sure person can breathe freely. If breathing has stopped apply artificial respiration. Do not give anything by mouth to an unconscious person.

If on skin — Immediately remove contaminated clothing, shoes, jewelry, and any other item on skin. Wash contaminated skin area

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Do not allow entry by unprotected persons into the fum are removed. Such signs must only be removed when th chloropicrin is measured to be less than 0.1 ppm AND of methyl bromide is measured to be less than 5 ppm. during the entire posting period.

Only a certified applicator (or someone under his/her warning signs at entrances to fumigated structures.

AGRICULTURAL USE REQUIREMI

Use this product only in accordance with its labeling and v Standard, 40 CFR 170. This Standard contains require of agricultural workers on farms, forests, nurseries, and gr of agricultural pesticides. It contains requirements for tr notification, and emergency assistance. It also contains exceptions pertaining to the statements in this labeling a equipment, restricted-entry intervals, and notification to w in this box only apply to uses of this product that are cov tection Standard (WPS).

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

ENTRY RESTRICTIONS:

Greenhouse Soil Fumigation: Entry (including early er be permitted under the WPS) by any person — other than equippe handler who is performing a handling task pe is PROHIBITED in the entire greenhouse (entire enclosed the start of application until 48 hours after application. A tration level chloropicrin in the working area is measured AND the air concentration level of methyl bromide in the w to be to less than 5 ppm. Until the aeration of the soil is c days), non-handlers are permitted in the greenhouse ON tration level of chloropicrin in their working area remains the air concentration level of methyl bromide in their wor than 5 ppm. If tarps are used for the application, non-ha during tarp removal and until the air concentration level of ing area is measured to be less than 0.1 ppm AND the of methyl bromide in the working area is measured to b

Outdoor Soil Fumigation: Entry (including ea permitted under the WPS) by any person — otr equipped handler who is performing a handling ta — is PROHIBITED from the start of application until 48 In addition, if tarps are used for the application, non-han while tarps are being removed.

NOTIFICATION: Notify workers of the application by warn posting fumigant warning signs, as described in the "Pl Areas" section of this labeling. Post the fumigant warning s sign for this application, but follow all WPS requirements legibility, size, and timing of posting and removal.

Greenhouses — Soil or Space Fumigation: Post the fu outside all entrances to the entire greenhouse (entire enclos

Outdoor Soil Fumigation: Post the fumigant warning signs areas.

PPE FOR ENTRY DURING THE ENTRY-RESTRICTED PI that is permitted by this labeling is listed in the "Hazards to Animals" section of this labeling.

PESTICIDE STORAGE, HANDLING AND I

PESTICIDE STORAGE AND HANDLING: Store in dry, cool under lock and key. Post as a pesticide storage area.

Do not contaminate water, food or feed by storage. Store cyli to a rack or wall to prevent tipping. Cylinders should not b handling or mechanical shock such as dropping, bumping Do not use rope slings, hooks, tongs, or similar devices Transport cylinders using hand truck, fork truck or other devic

ACUTELY TOXIC CHEMICAL
14.2 LBS. Active Ingredient per gal. (LIQUID IN CYLINDER)

5913

KEEP OUT OF REACH OF CHILDREN

DANGER PELIGRO



POISON

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STATEMENT OF PRACTICAL TREATMENT

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If inhaled — Get exposed person to fresh air. Keep warm. Make sure person can breathe freely. If breathing has stopped apply artificial respiration. Do not give anything by mouth to an unconscious person.

If on skin — Immediately remove contaminated clothing, shoes, jewelry, and any other item on skin. Wash contaminated skin area thoroughly with soap and water.

If in eyes — Hold eyelids open and flush with a steady, gentle stream of water for at least 15 minutes.

See side panels for additional precautionary statements.

EPA REG. NO. 8622-13

EPA EST. NO. 67545-AZ-01

EPA EST. NO. 15298-IS-01

EPA EST. NO. 29516-FL-04

EPA EST. NO. 29516-NC-01

BEST AVAILABLE COPY

IN CASE OF EMERGENCY CONTACT:

Chemtrec (800) 424-9300

or

AmeriBrom West

5419 Santa Clara Ave.

Camarillo, CA 93010

Call Collect: (805) 988-9719 (CA)

(212) 286-4000 (NY)

AmeriBrom, Inc.

52 VANDERBILT AVENUE

NEW YORK, NY 10017

TELEPHONE: (212) 286-4000

FAX: (212) 286-4475

AB33/Rev 4 Net contents: _____ LBS./ _____ KGS. 9/95

PLACARDING OF FUMIGATED AREAS

The applicator (or supervisor of the application) must placard all entrances to the fumigated area with signs bearing:

- skull and crossbones symbol
- "DANGER/PELIGRO."
- "Area under fumigation, DO NOT ENTER/NO ENTRE."
- "Methyl Bromide and Chloropicrin Fumigants in use."
- the date and time of fumigation, and
- name, address, and telephone number of the applicator.

Outdoor Soil Fumigation: Entry (including early entry the permitted under the WPS) by any person — other than a equipped handler who is performing a handling task perm — is PROHIBITED from the start of application until 48 h In addition, if tarps are used for the application, non-hand while tarps are being removed.

NOTIFICATION: Notify workers of the application by warn posting fumigant warning signs, as described in the "Pl Areas" section of this labeling. Post the fumigant warning sign for this application, but follow all WPS requirements legibility, size, and timing of posting and removal.

Greenhouses — Soil or Space Fumigation: Post the fu outside all entrances to the entire greenhouse (entire enclos

Outdoor Soil Fumigation: Post the fumigant warning signs areas.

PPE FOR ENTRY DURING THE ENTRY-RESTRICTED P that is permitted by this labeling is listed in the "Hazards to Animals" section of this labeling.

PESTICIDE STORAGE, HANDLING AND

PESTICIDE STORAGE AND HANDLING: Store in dry, co under lock and key. Post as a pesticide storage area.

Do not contaminate water, food or feed by storage. Store cy to a rack or wall to prevent tipping. Cylinders should not handling or mechanical shock such as dropping, bumpin Do not use rope slings, hooks, tongs, or similar device Transport cylinders using hand truck, fork truck or other dev can be firmly secured.

Do not remove valve protection bonnet and safety cap u use. Replace safety cap and valve protection bonnet whe

PESTICIDE DISPOSAL: Pesticide wastes are toxic. Imp pesticide is a violation of Federal Law. If these wastes ca use according to label instructions, either contact your Sta mental Control Agency, or the Hazardous Waste represent Regional Office for guidance, or follow registrant's instruct empty cylinders.

CONTAINER DISPOSAL: When cylinder is empty, clockwise until hand tight, screw safety cap onto valve outle bonnet before returning to shipper. Only the registran cylinders. Do not use cylinders for any other purpo instructions for return of empty or partially empty cylind

RETURN OF CYLINDERS:

- (1) Cylinders are the property of the manufacturer or dist and should be returned promptly by collect freight.
- (2) Do not ship cylinders without safety caps or valve p
- (3) When a cylinder is partially full and there is no fur product, contact the manufacturer or distributor for
- (4) Containers should never be refilled by the consum product or purpose.

SPECIFIC DIRECTIONS FOR U

This fumigant is a highly hazardous material and should b trained in its proper use. Before using, read and follow all l tions, including those in the Manual for the Safe Handling Bromide Products, No. AM-210.

All persons working with this fumigant must be knowled and trained in the use of required respirator equipme emergency procedures, and proper use of the fumigant AM-210).

Do not fumigate with this product when soil temperature is

BEST AVAILABLE COPY

Do not allow entry by unprotected persons into the fumigated area until the signs are removed. Such signs must only be removed when the air concentration level of chloropicrin is measured to be less than 0.1 ppm AND the air concentration level of methyl bromide is measured to be less than 5 ppm. Signs must remain legible during the entire posting period.

Only a certified applicator (or someone under his/her supervision) may remove warning signs at entrances to fumigated structures.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR 170. 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.

ENTRY RESTRICTIONS:

Greenhouse Soil Fumigation: Entry (including early entry that would otherwise be permitted under the WPS) by any person — other than a correctly trained and equipped handler who is performing a handling task permitted by the WPS — is PROHIBITED in the entire greenhouse (entire enclosed structure/building) from the start of application until 48 hours after application AND until the air concentration level chloropicrin in the working area is measured to be less than 0.1 ppm AND the air concentration level of methyl bromide in the working area is measured to be less than 5 ppm. Until the aeration of the soil is complete (usually 10-14 days), non-handlers are permitted in the greenhouse ONLY while the air concentration level of chloropicrin in their working area remains less than 0.1 ppm AND the air concentration level of methyl bromide in their working area remains less than 5 ppm. If tarps are used for the application, non-handler entry is prohibited during tarp removal and until the air concentration level of chloropicrin in the working area is measured to be less than 0.1 ppm AND the air concentration level of methyl bromide in the working area is measured to be less than 5 ppm.

Outdoor Soil Fumigation: Entry (including early entry that would otherwise be permitted under the WPS) by any person — other than a correctly trained and equipped handler who is performing a handling task permitted on this labeling — is PROHIBITED from the start of application until 48 hours after application. In addition, if tarps are used for the application, non-handler entry is prohibited while tarps are being removed.

NOTIFICATION: Notify workers of the application by warning them orally and by posting fumigant warning signs, as described in the "Placarding of Fumigated Areas" section of this labeling. Post the fumigant warning 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.

Greenhouses — Soil or Space Fumigation: Post the fumigant warning signs outside all entrances to the entire greenhouse (entire enclosed structure/building).

Outdoor Soil Fumigation: Post the fumigant warning signs at entrances to treated areas.

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.

PESTICIDE STORAGE, HANDLING AND DISPOSAL

PESTICIDE STORAGE AND HANDLING: Store in dry, cool, well-ventilated area under lock and key. Post as a pesticide storage area.

Do not contaminate water, food or feed by storage. Store cylinders upright, secured to a rack or wall to prevent tipping. Cylinders should not be subjected 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 the cylinder can be firmly secured.

PRECAUTIONS FOR USAGE PRIOR AND AFTER SOIL FUMIGATION

Specific instructions for application appears in the Manual Application of Methyl Bromide Products No. AM-210.

Prior to Fumigation: Post all treated areas with warning signs. Comply with all local regulations and ordinances. Obtain approval from Agricultural Regulatory Agencies as required.

Never fumigate alone. It is imperative always to have an assistant with you in case of accidents.

Drivers of application equipment must advise other workers of the tractor and how to safely work with the tractor.

Handle this fumigant in the open, with the operator "upwind" where there is good ventilation.

Check fumigant pressure systems for leaks before beginning application. Two trained persons must be present during introduction of fumigant.

When fumigating soil from a tractor, 5 gallons of water must be available from a nearby source and placed where it is readily accessible. In addition to water, at least 5 gallons additional water must be available from a source that must be potable and in containers marked "Decontaminant for drinking."

All trash should be cleared from the field before starting fumigation.

During Fumigation: This fumigant should not be used under conditions of atmospheric inversion. Since fumigant concentrations may drift to nearby areas, immediately cover treated area with plastic mulch for a period of 48 hours.

Do not lift injection shanks to turn at the end of a pass. Lift shanks from system following closure of shutoff valve.

If trash is inadvertently pulled by the shanks to the ends of the field, it must be covered by lifting the shanks, then covering with plastic film before making the turn for the next pass.

When changing the cylinders, be certain they are turned downwind. Do not open the system when the tractor is downwind.

After Fumigation: Keep pets, livestock, and other domestic animals out of the area during application, during the exposure period as specified in the Directions for Use, and during removal of tarpaulin.

Two trained persons must be present during removal of fumigant. Specific instructions for application of 67-33 to field soils are given in Manual No. AM-210.

Spill and Leak Procedures for Soil Fumigation: In case of a spill or leak while applying fumigant, immediately stop tractor and move it from the immediate area of the spill or leak. Wear the protective clothing (including prescribed respirators) specified in the Hazardous Materials labeling for entry into affected area to correct problem or make necessary repairs. Do not enter area until the fumigant has evaporated or the leak has been fixed.

Contaminated soil, water, and other cleanup debris is a spill if the amount spilled to the National Response Center (800-424-8802) is 1000 lbs. or more.

GENERAL INFORMATION

67-33, a preplant soil fumigant, is used for the control of

Wireworms, June beetle larvae, white grubs and gophers at the time of planting.

Soil-borne fungi, including Verticillium, Fusarium, Phytophthora, Pyrenochaeta, Sclerotinia, Sclerotium and Plasmodiophora.

Nematodes (such as Criconemoides, Tylenchus, Pratylenchus, species)

Broadleaf and grassy weeds, such as annual bluegrass, lambsquarters, torpedograss, nutsedge, Bermudagrass and crabgrass.

67-33 is not effective against mallow, filaree, dodder, and certain other hard seeded weeds. Crops listed below are tolerant to 67-33.

SOIL PREPARATION

Before treatment the soil should be in condition for planting.

Outdoor Soil Fumigation: Entry (including early entry that would otherwise be permitted under the WPS) by any person — other than a correctly trained and equipped handler who is performing a handling task permitted on this labeling — is PROHIBITED from the start of application until 48 hours after application. In addition, if tarps are used for the application, non-handler entry is prohibited while tarps are being removed.

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PESTICIDE STORAGE AND HANDLING: Store in dry, cool, well-ventilated area under lock and key. Post as a pesticide storage area.

Do not contaminate water, food or feed by storage. Store cylinders upright, secured to a rack or wall to prevent tipping. Cylinders should not be subjected 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 the cylinder 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.

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, either contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance, or follow registrant's instructions for return of partially empty cylinders.

CONTAINER DISPOSAL: When cylinder is empty, close valve by turning clockwise until hand tight, screw safety cap onto valve outlet, and replace protection bonnet before returning to shipper. Only the registrant is authorized to refill cylinders. Do not use cylinders for any other purpose. Follow registrant's instructions for return of empty or partially empty cylinders.

RETURN OF CYLINDERS:

- (1) Cylinders are the property of the manufacturer or distributor where purchased and should be returned promptly by collect freight.
- (2) Do not ship cylinders without safety caps or valve protection bonnets.
- (3) When a cylinder is partially full and there is no further requirement for the product, contact the manufacturer or distributor for return instruction.
- (4) Containers should never be refilled by the consumer or used for any other product or purpose

SPECIFIC DIRECTIONS FOR USE

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, including those in the Manual for the Safe Handling and Application of Methyl Bromide Products, No. AM-210.

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 (see Product Manual No. AM-210).

Do not fumigate with this product when soil temperature is below 50°F. at 6-8 inches.

Directions for Use, and during removal of tarpaulin.

Two trained persons must be present during removal of tarpaulin. Specific instructions for application of 67-33 to field soils appear on label No. AM-210.

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Spill and Leak Procedures for Soil Fumigation: In case of a spill or leak while applying fumigant, immediately stop tractor and remove it from the immediate area of the spill or leak. Wear the personal protective equipment (including prescribed respirators) specified in the Hazards to Humans section of this labeling for entry into affected area to correct problem. A spill or leak requires necessary repairs. Do not enter area until the fumigant has evaporated or the leak has been fixed.

Contaminated soil, water, and other cleanup debris is a toxic spill to the National Response Center (800-424-8802) if the amount of fumigant spilled exceeds 1000 lbs. is exceeded.

GENERAL INFORMATION

67-33, a preplant soil fumigant, is used for the control of soilborne pests.

Wireworms, June beetle larvae, white grubs and garden weevils are controlled at the time of planting.

Soil-borne fungi, including Verticillium, Fusarium, Phytophthora, Pyrenochaeta, Sclerotinia, Sclerotium, and other soilborne organisms, Plasmodiophora.

Nematodes (such as Criconemoides, Tylenchus, Pratylenchus, species)

Broadleaf and grassy weeds, such as annual bluegrass, lambsquarters, torpedograss, nutsedge, Bermudagrass and other weeds.

67-33 is not effective against mallow, filaree, dodder, and some certain other hard seeded weeds. Crops listed below can be planted.

SOIL PREPARATION

Before treatment the soil should be in condition for planting and have sufficient moisture to support seed germination. If fumigation is done to control nutsedge, till the soil to a depth of at least 6 inches.

APPLICATION

Apply with chisels spaced from 12" to 18" apart, and inject to a depth of 5" to 8" below soil surface. Seal fumigant with a tarpaulin immediately behind chisels and then cover with light tarpaulin.

DOSAGE TABLE

Crop To Be Planted:

Asparagus	.....
Broccoli	.....
Cauliflower	.....
Eggplants	.....
Lettuce	.....
Muskmelons ⁵	.....
Onions (dry bulb)	.....
Peppers	.....
Pineapples	.....
Strawberries	.....
Tomatoes	.....
Floral Crops ⁴	.....
Nursery Crops ⁴	.....
Plant & Seed Beds ^{3, 4}	.....

¹Row or bed applications may be made at the broadcast rates but proportionately less per acre depending on the row spacing and width of bed. The usual chisel spacing for methyl bromide treatment is 12 inches. Each chisel treats a 12" strip when injected at a depth of 5" to 8 inches.

²Use the higher rates for nutsedge control.

³Plants grown for transplanting.

⁴Growing difficulties in treated soil may be experienced with Carnation, Holly, Multiflora Rosa, Salvia, Snapdragons, and certain other crops.

⁵For use on muskmelons, (all *Cucumis melo* melons, excludes watermelon, Persian melons, honeydew melons, casabas, crenshaws, mango melons). After 48 hours remove tarpaulin and allow the soil to aerate before planting. Pepper seeds can be direct seeded through the tarpaulin.

BEST AVAILABLE COPY

PRECAUTIONS FOR USAGE PRIOR TO, DURING, AND AFTER SOIL FUMIGATION

Specific instructions for application appears in the Manual for the Safe Handling and Application of Methyl Bromide Products No. AM-210.

Prior to Fumigation: Post all treated areas with warning signs.

Comply with all local regulations and ordinances. Obtain an application permit from Agricultural Regulatory Agencies as required.

Never fumigate alone. It is imperative always to have an assistant and proper protective equipment in case of accidents.

Drivers of application equipment must advise other workers of all precautions and procedures. In addition, drivers must instruct their helpers in the mechanical operation of the tractor and how to safely work with the tractor and driver while fumigating.

Handle this fumigant in the open, with the operator "upwind" from the container where there is good ventilation.

Check fumigant pressure systems for leaks before beginning operation.

Two trained persons must be present during introduction of the fumigant.

When fumigating soil from a tractor, 5 gallons 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 gallons additional water must be available from the service truck. This water must be potable and in containers marked "Decontamination water not to be used for drinking."

All trash should be cleared from the field before starting fumigation.

During Fumigation: This fumigant should not be applied when there is an atmospheric inversion. Since uncomfortable concentrations of chloropicrin may drift to nearby areas, immediately cover treated area with plastic tarpaulin for a minimum of 48 hours.

Do not lift injection shanks to turn at the end of a pass until fumigant has drained from system following closure of shutoff valve.

If trash is inadvertently pulled by the shanks to the ends of the field when fumigating, it must be covered by lifting the shanks, then covering the trash with polyethylene film before making the turn for the next pass.

When changing the cylinders, be certain they are turned off and fumigant system is not under pressure. Do not open the system when there are people or structures downwind.

After Fumigation: Keep pets, livestock, and other domestic animals out of the treated area during application, during the exposure period as specified for applications in Directions for Use, and during removal of tarpaulin.

Two trained persons must be present during removal of tarpaulins.

Specific instructions for application of 67-33 to field soils appear in the Product Manual No. AM-210.

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 (including prescribed respirators) specified in the Hazards to Humans section of this labeling 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 lbs. is exceeded.

GENERAL INFORMATION

67-33, a preplant soil fumigant, is used for the control of soil-borne pests such as:

Wireworms, June beetle larvae, white grubs and garden symphylan in the soil at the time of planting.

Soil-borne fungi, including Verticillium, Fusarium, Pythium, Rhizoctonia, Phytophthora, Pyrenochaeta, Sclerotinia, Sclerotium, Armillaria, and the clubroot organism, Plasmodiophora.

Nematodes (such as Criconemoides, Tylenchus, Pratylenchus, Xiphinema and Paratylenchus, species)

Broadleaf and grassy weeds, such as annual bluegrass broomrape, common lambsquarters, torpedograss, nutsedge, Bermudagrass and quackgrass at higher rates.

67-33 is not effective against mallow, filaree, dodder, some species of clover, and certain other hard seeded weeds. Crops listed below can be treated.

SOIL PREPARATION

Before treatment the soil should be in condition for planting and with

CITRUS SOIL TREATMENT FOR CONTROL IN FLORIDA SANDY SOIL

This is a preplant or replant treatment. Trees which will not have harvestable fruit for a period of at least 1 1/2 lb./100 sq. ft. Exposure to fumigation for 96 hours under a 4-mil tarpaulin. Will control disease to a depth of 14 inches setting transplants in treated area.

Apply with chisels spaced 12 inches apart to a depth of 14 inches. Use a drag or cultipacker immediately behind chisels. Cover tarpaulin after recommended fumigation period before planting. If odors persist, disc or plow the soil.

Do not apply 67-33 when there is little or no air movement.

Do not apply near buildings inhabited by humans or to fields where valuable crops are growing.

*Phytophthora diseases controlled are root rot and

TOBACCO NON-TARP SOIL FUMIGATION

This product can be used for the control of plant-parasitic pests, and for the suppression of soil-borne disease organisms. Use more chisels to a depth of 14 inches per bed at 60-100 lb. per acre for 96 hours. Aerate soil for 2 weeks before planting.

TOBACCO NURSERY & GREENHOUSE SEED & TRANSPLANT BEDS

This product can be used for the control of plant-parasitic pests, and for the suppression of soil-borne disease organisms. Use more chisels to a depth of 14 inches. Use a minimum of 100 lb. per acre for 24-48 hours covering treated area with plastic tarpaulin. Remove tarpaulin after recommended fumigation period before setting transplants in treated area.

NOTE: Following soil fumigation, undesirable concentrations of fumigant may drift to nearby areas. If this occurs, immediately cover area with tarpaulin. Leave tarpaulin on overnight and remove during the day if eye irritation indicates that the undesirable concentrations are most likely to occur in the evening. Do not make applications when there is little or no air movement or there is an inversion condition.

NOTE CAREFULLY: Following fumigation, the level of soil nitrogen may be raised. This is most likely to occur in soils where nitrogen and fertilizers are applied to soils that are either acid or alkaline. Fertilizers containing ammonium salts should not be applied until after the crop is well established. In order to avoid ammonia injury, after fumigation, fertilize as indicated by soil test to protect the crop. It is best that highly acid soils be limed before application and reduce the possibility of ammonia toxicity.

NOTICE: Many pesticidal chemicals are poisonous to the plants to which they are applied. The U.S. Food and Drug Administration has established maximum amounts of such pesticide that may be present on such crops at harvest in excess of these amounts. These amounts are based on the best available information, and if follow-up testing shows excessive residues at harvest. However, AmeriBrom, Inc. does not assume responsibility for their accuracy nor for any loss due to excessive residues.

WARNING: Contains methyl bromide, a substance which is harmful to the environment by destroying ozone in the atmosphere.

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Directions for Use, and during removal of tarpaulin.

Two trained persons must be present during removal of tarpaulins.

Specific instructions for application of 67-33 to field soils appear in the Product Manual No. AM-210.

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 (including prescribed respirators) specified in the Hazards to Humans section of this labeling 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 (800-424-3802) if the reportable quantity of 1000 lbs. is exceeded.

GENERAL INFORMATION

67-33, a preplant soil fumigant, is used for the control of soil-borne pests such as:

Wireworms, June beetle larvae, white grubs and garden symphylian in the soil at the time of planting.

Soil-borne fungi, including Verticillium, Fusarium, Pythium, Rhizoctonia, Phytophthora, Pyrenochaeta, Sclerotinia, Sclerotium, Armillaria, and the clubroot organism, Plasmodiophora.

Nematodes (such as Criconemoides, Tylenchus, Pratylenchus, Xiphinema and Paratylenchus, species)

Broadleaf and grassy weeds, such as annual bluegrass broomrape, common lambsquarters, torpedograss, nutsedge, Bermudagrass and quackgrass at higher rates.

67-33 is not effective against mallow, fitaree, dodder, some species of clover, and certain other hard seeded weeds. Crops listed below can be treated.

SOIL PREPARATION

Before treatment the soil should be in condition for planting and with sufficient moisture to support seed germination. If fumigation is being done to control nutsedge, till the soil to a depth of at least 15".

APPLICATION

Apply with chisels spaced from 12" to 18" apart, and inject 67-33 to a depth of 5" to 8" below soil surface. Seal fumigant with a drag or cultipacker immediately behind chisels and then cover with a gas-tight tarpaulin.

DOSAGE TABLE

Crop To Be Planted:	Lbs. 67-33 per Acre ^{1,2}
Asparagus	250-375
Broccoli	250-375
Cauliflower	250-375
Eggplants	250-375
Lettuce	250-375
Muskmelons ³	250-375
Onions (dry bulb)	250-375
Peppers	250-375
Pineapples	250-375
Strawberries	250-375
Tomatoes	250-375
Floral Crops ⁴	300-400
Nursery Crops ⁴	300-400
Plant & Seed Beds ^{3,4}	300-400

¹Row or bed applications may be made at the broadcast rates but the amount used will be proportionately less per acre depending on the row spacing and width of treatment in the row or bed. The usual chisel spacing for methyl bromide treatment is 12" and it is assumed that each chisel treats a 12" strip when injected at a depth of 5" to 8".

²Use the higher rates for nutsedge control.

³Plants grown for transplanting.

⁴Growing difficulties in treated soil may be experienced with Carnations, Conifers, Delphiniums, Holly, Multiflora Rosa, Salvia, Snapdragons, and certain other crops.

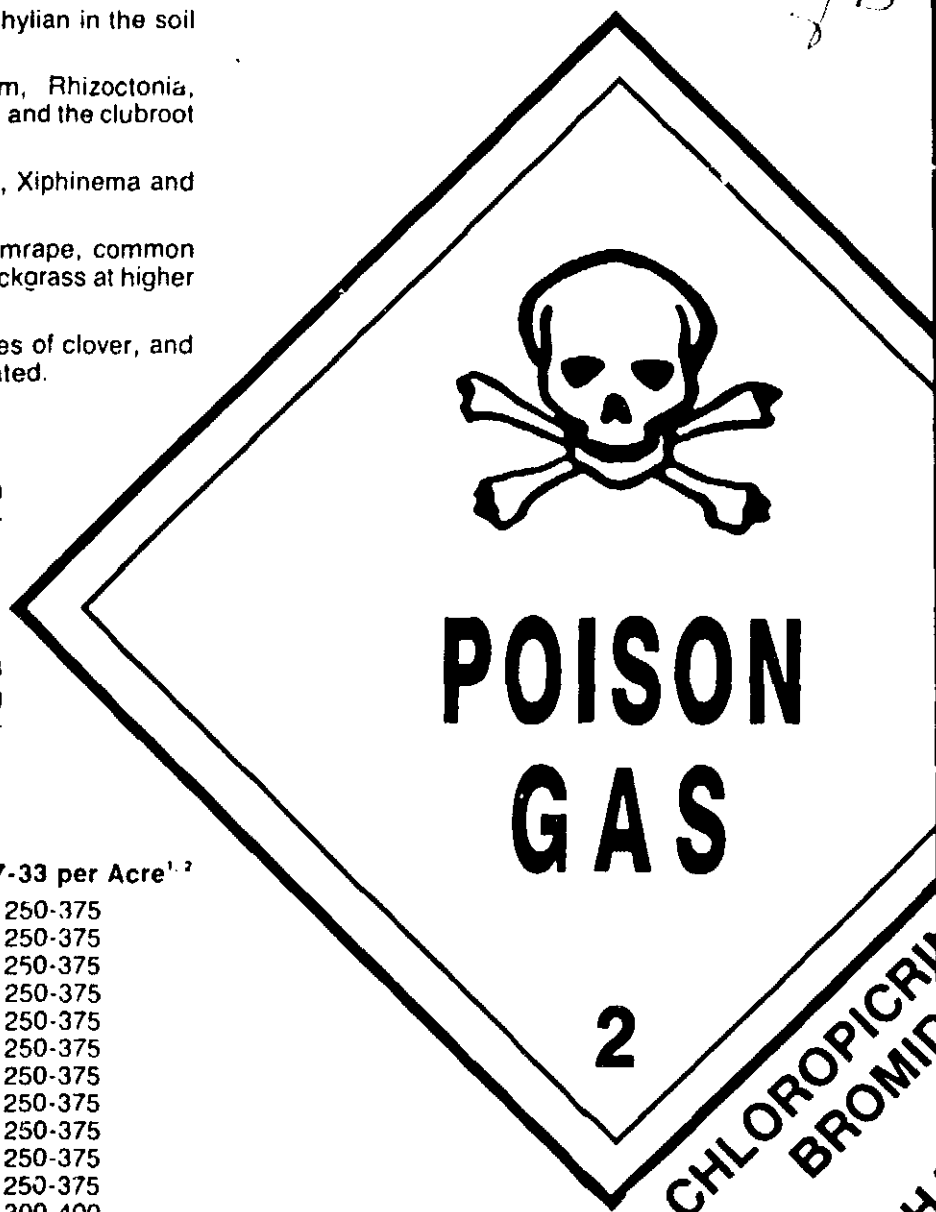
⁵For use on muskmelons, (all Cucumis melo melons, excludes watermelons), cantaloupes, Persian melons, honeydew melons, casabas, crenshaws, mango melons and their hybrids. After 48 hours remove tarpaulin and allow the soil to aerate for two weeks before planting. Pepper seeds can be direct seeded through the use of plug mix after 72 hours.

matter. Fertilizers containing ammonium salts should not be containing nitrates until after the crop is well established is above 65°F. in order to avoid ammonia injury, nitrate fumigation, fertilize as indicated by soil test to protect a It is best that highly acid soils be limed before application and reduce the possibility of ammonia toxicity.

NOTICE: Many pesticidal chemicals are poisonous and on the plants to which they are applied. The U.S. Food and established maximum amounts of such pesticide that may products at harvest, and it is the user's responsibility to on such crops at harvest in excess of these amounts. They are based on the best available information, and if followed excessive residues at harvest. However, AmeriBrom, Inc. as to their accuracy nor for any loss due to excessive

WARNING: Contains methyl bromide, a substance which environment by destroying ozone in the upper

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Warranty: Seller warrants that the product conforms to its is reasonably fit for the purpose stated on the label when directions under normal conditions of use, but neither this of MERCHANTABILITY or FITNESS FOR A PARTICULAR implied, extends to the use of this product contrary to abnormal conditions, or under conditions not reasonably buyer assumes the risk of any such use. Buyer assumes or handling of this material not in strict accordance with

**OR USAGE PRIOR TO, DURING,
TER SOIL FUMIGATION**

on appears in the Manual for the Safe Handling and
Products No. AM-210.

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and ordinances. Obtain an application permit from
s as required.

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must instruct their helpers in the mechanical opera-
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ossible. In addition to water available on the tractor,
must be available from the service truck. This water
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specified in the Hazards to Humans section of this
rea to correct problem. Approach from upwind to
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GENERAL INFORMATION

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Verticillium, Fusarium, Pythium, Rhizoctonia,
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, such as annual bluegrass broomrape, common
nutsedge, Bermudagrass and quackgrass at higher

llow, filaree, dodder, some species of clover, and
s. Crops listed below can be treated.

PREPARATION

e in condition for planting and with

**CITRUS SOIL TREATMENT FOR CONTROL OF PHYTOPHTHORA*
IN FLORIDA SANDY SOILS**

This is a preplant or replant treatment. Trees which are planted in this treated soil will not have harvestable fruit for a period of at least 24 months. Use a minimum of 1 1/2 lb./100 sq. ft. Expose to fumigation for 96 hours covering treated area with a 4-mil tarpaulin. Will control disease to a depth of 4 feet. Aerate 2 weeks before setting transplants in treated area.

Apply with chisels spaced 12 inches apart to a depth of 8 inches. Seal fumigant with a drag or cultipacker immediately behind chisels. Cover with a gas-proof tarpaulin. Remove tarpaulin after recommended fumigation period and aerate soil for 2 weeks before planting. If odors persist, disc or plow the soil to assist aeration.

Do not apply 67-33 when there is little or no air movement.

Do not apply near buildings inhabited by humans or livestock or in area adjacent to fields where valuable crops are growing.

*Phytophthora diseases controlled are root rot and crown rot.

TOBACCO NON-TARP SOIL FUMIGATION OF RAISED BEDS

This product can be used for the control of plant-parasitic nematodes, soil insect pests, and for the suppression of soil-borne disease organisms. Apply with one or more chisels to a depth of 14 inches per bed at 60-130 lb./acre. Expose to fumigation for 96 hours. Aerate soil for 2 weeks before planting.

**TOBACCO NURSERY & GREENHOUSE SOILS,
SEED & TRANSPLANT BEDS & TURF**

This product can be used for the control of plant-parasitic nematodes, soil insect pests, and for the suppression of soil-borne disease organisms. Apply with one or more chisels to a depth of 14 inches. Use a minimum of 1-1/2 lb./100 sq. ft. Expose to fumigation for 24-48 hours covering treated area with a 4-mil gas-proof tarpaulin. Remove tarpaulin after recommended fumigation period and aerate 2 weeks before setting transplants in treated area.

NOTE: Following soil fumigation, undesirable concentrations of chloropicrin may drift to nearby areas. If this occurs, immediately cover treated area with a plastic tarpaulin. Leave tarpaulin on overnight and remove during the daytime. Recover the area if eye irritation indicates that the undesirable concentration is continuing. These concentrations are most likely to occur in the evening or at night when the air is most likely to be static in movement. Do not make application of 67-33 when there is little or no air movement or there is an inversion condition in the atmosphere.

NOTE CAREFULLY: Following fumigation, the level of soluble salts and ammonia nitrogen may be raised. This is most likely to occur when heavy rates of fumigant and fertilizers are applied to soils that are either acid, wet, cold, or high in organic matter. Fertilizers containing ammonium salts should not be used. Apply only fertilizers containing nitrates until after the crop is well established and the soil temperature is above 65°F. in order to avoid ammonia injury, nitrate starvation, or both. After fumigation, fertilize as indicated by soil test to protect against injury to plant roots. It is best that highly acid soils be limed before application to stimulate nitrification and reduce the possibility of ammonia toxicity.

NOTICE: Many pesticidal chemicals are poisonous and may leave a toxic residue on the plants to which they are applied. The U.S. Food and Drug Administration has established maximum amounts of such pesticide that may remain on raw agricultural products at harvest, and it is the user's responsibility to see that there is no residue on such crops at harvest in excess of these amounts. The "Fumigation Directions" are based on the best available information, and if followed carefully should not leave excessive residues at harvest. However, AmeriBrom, Inc. assumes no responsibility as to their accuracy nor for any loss due to excessive residues.

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

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67-33 to field soils appear in the Product Manual

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SAGE TABLE

	Lbs. 67-33 per Acre ^{1,2}
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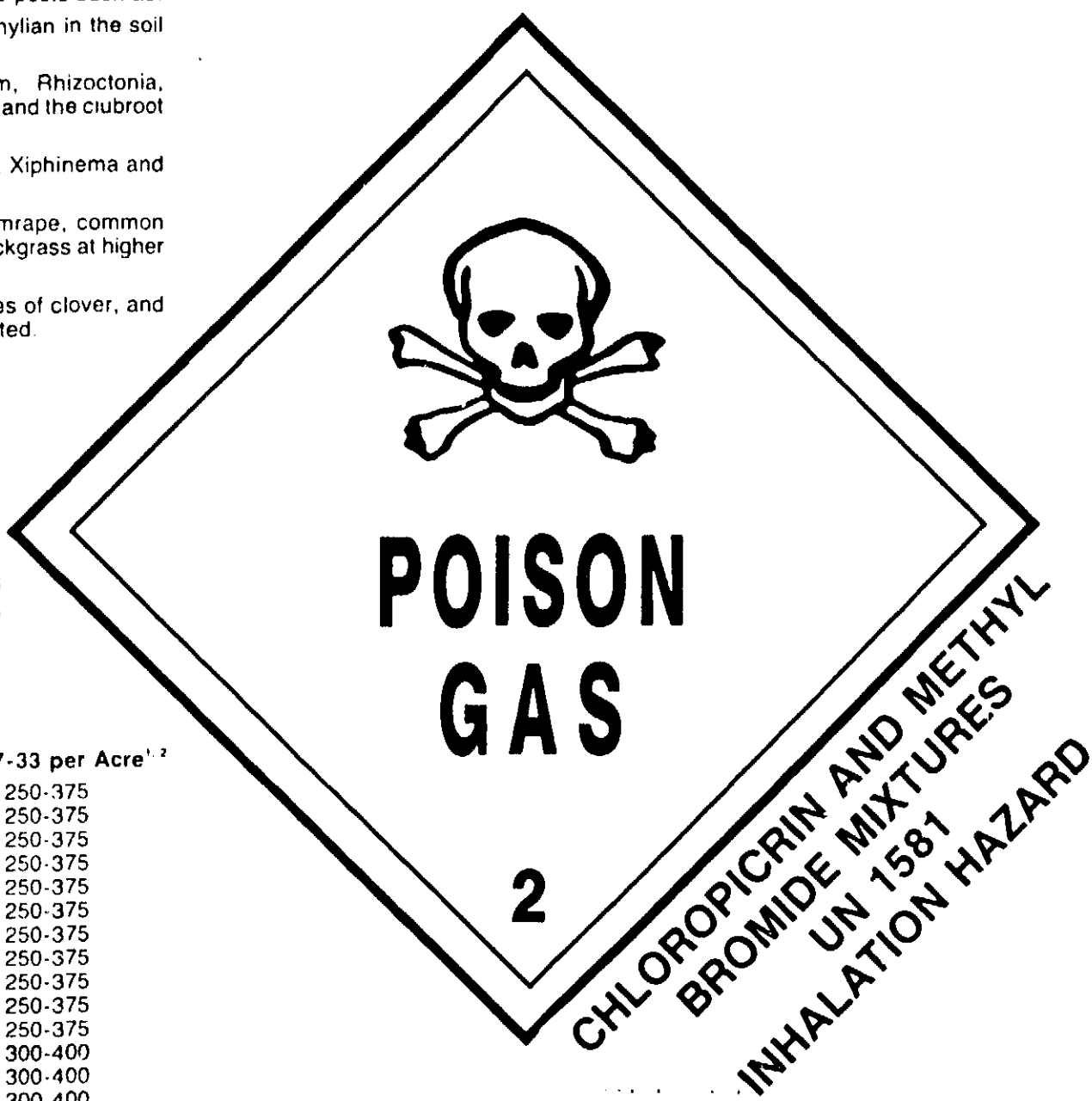
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NOTICE: Many pesticidal chemicals are poisonous and may leave a toxic residue on the plants to which they are applied. The U.S. Food and Drug Administration has established maximum amounts of such pesticide that may remain on raw agricultural products at harvest, and it is the user's responsibility to see that there is no residue on such crops at harvest in excess of these amounts. The "Fumigation Directions" are based on the best available information, and if followed carefully should not leave excessive residues at harvest. However, AmeriBrom, Inc. assumes no responsibility as to their accuracy nor for any loss due to excessive residues.

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



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Warranty: Seller warrants that the product conforms to its chemical description and is reasonably fit for the purpose stated on the label when used in accordance with directions under normal conditions of use, but neither this warranty nor other warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE, express or implied, extends to the use of this product contrary to label instructions or under abnormal conditions, or under conditions not reasonably foreseeable to seller, and buyer assumes the risk of any such use. Buyer assumes all risks of use, storage or handling of this material not in strict accordance with directions given herewith.

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**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS & DOMESTIC ANIMALS**

**DANGER
HIGH ACUTE TOXICITY**

Extremely hazardous liquid and vapor under pressure. Do not breathe vapor. Inhalation or ingestion may be fatal or cause serious acute illness or delayed lung or nervous system injury. Liquid or vapor can cause serious skin or eye injury which may have a delayed onset. Do not get liquid on skin, in eyes or on clothing.

This product contains chloropicrin, a volatile-liquid tear gas. Chloropicrin vapor is very irritating to the upper respiratory tract, and even at low levels can cause painful irritation to the nose and throat, and to the 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.

NOTE TO PHYSICIAN: Early symptoms of overexposure are intense lachrimation and irritation of mucous membranes, 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 overexposure 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.

ENVIRONMENTAL HAZARDS: This pesticide is toxic to wildlife. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or public waters unless this product is specifically identified and addressed in an NPDES permit. Do not discharge effluent containing this product to sewer systems without previously notifying the sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

PHYSICAL HAZARDS: Do not use or store near heat, open flames, or sparking electrical equipment.

CHEMICAL HAZARDS: Do not use application devices incorporating natural rubber or aluminum or magnesium or their alloys; do not use water to clean them (Diesel oil is satisfactory).

AIR CONCENTRATION LEVEL

The acceptable air concentration level for persons exposed to chloropicrin is 0.1 ppm (0.7 mg/m³). The acceptable air concentration for persons exposed to methyl bromide is 5 ppm (20 mg/m³). The air concentration level is measured by a direct reading detection device, such as a Matheson-Kitagawa.

PERSONAL PROTECTIVE EQUIPMENT

Applicators and other handlers must wear:
Loose fitting or well ventilated long-sleeved shirt and long pants.
Shoes and socks.
Full-face shield or safety glasses with brow and temple shields when handling the liquid product (Do NOT wear goggles.) When the air concentration level is above

**RESTRICTED USE PESTICIDE
DUE TO ACUTE TOXICITY**
For retail sale to and use only by Certified Applicators or persons under their supervision, and only for those uses covered by the Certified Application Label.

**67-33
PREPLANT
SOIL FUMIGANT**

FOR PREPLANT SOIL FUMIGATION

ACTIVE INGREDIENTS:	
METHYL BROMIDE	.....
CHLOROPICRIN	.....
INERT INGREDIENTS	.....
	TOTAL

BEFORE

ACUTELY TOXIC CHEMICAL

14.2 LBS. Active Ingredient per gal. (LIQUID IN CAN)

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KEEP OUT OF REACH OF CHILDREN

DANGER  **PELIGRO**

POISON

13 of 13

EMENTS
ESTIC ANIMALS

CITY

essure. Do not breathe vapor.
us acute illness or delayed lung
serious skin or eye injury which
kin, in eyes or on clothing.

tear gas. Chloropicrin vapor is
n at low levels can cause painful
lucing tearing. If these symptoms
inued exposure after irritation is
irritation to the eyes or temporary
n lead to further accidents.

posure are intense lachrimation
eadache, nausea and vomiting,
in 2 to 48 hours after exposure,
ts are the usual cause of death.
, staggering gait and mental im-
-exposure. Blood bromide levels
sure. Treatment is symptomatic.

oxic to wildlife. Do not discharge
onds, estuaries, oceans, or public
nd addressed in an NPDES per-
duct to sewer systems without
ority. For guidance contact your

at, open flames or sparking elec-

ces incorporating natural rubber
use water to clean them (Diesel

LEVEL

posed to chloropicrin is 0.1 ppm
ersons exposed to methyl bromide
is measured by a direct reading

EQUIPMENT

and long pants.

ample shields when handling the

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

67-33 PREPLANT SOIL FUMIGANT

FOR PREPLANT SOIL FUMIGATION


ACTIVE INGREDIENTS:	By Wt.
METHYL BROMIDE	66.8%
CHLOROPICRIN	32.8%
INERT INGREDIENTS	0.4%
TOTAL	100%

BEFORE

ACUTELY TOXIC CHEMICAL

14.2 LBS. Active Ingredient per gal. (LIQUID IN CYLINDER)

BEST AVAILABLE COPY
KEEP OUT OF REACH OF CHILDREN

DANGER  **PELIGRO**

POISON

Do not allow entry by unprotected persons into the fumigated area until signs are removed. Such signs must only be removed when the air concentration of chloropicrin is measured to be less than 0.1 ppm AND the air concentration of methyl bromide is measured to be less than 5 ppm. Signs must remain during the entire posting period.

Only a certified applicator (or someone under his/her supervision) may post warning signs at entrances to fumigated structures.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR 170. 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, 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.

ENTRY RESTRICTIONS:

Greenhouse Soil Fumigation: Entry (including early entry that would be permitted under the WPS) by any person — other than a correctly trained and equipped handler who is performing a handling task permitted by this labeling — is PROHIBITED in the entire greenhouse (entire enclosed structure) from the start of application until 48 hours after application AND until the aeration level chloropicrin in the working area is measured to be less than 0.1 ppm AND the air concentration level of methyl bromide in the working area is measured to be less than 5 ppm. Until the aeration of the soil is complete (usually 3 to 5 days), non-handlers are permitted in the greenhouse ONLY while the aeration level of chloropicrin in their working area remains less than 0.1 ppm AND the air concentration level of methyl bromide in their working area remains less than 5 ppm. If tarps are used for the application, non-handler entry is prohibited during tarp removal and until the air concentration level of chloropicrin in the working area is measured to be less than 0.1 ppm AND the air concentration of methyl bromide in the working area is measured to be less than 5 ppm.

Outdoor Soil Fumigation: Entry (including early entry that would be permitted under the WPS) by any person — other than a correctly trained and equipped handler who is performing a handling task permitted on this labeling — is PROHIBITED from the start of application until 48 hours after application. In addition, if tarps are used for the application, non-handler entry is prohibited while tarps are being removed.

NOTIFICATION: Notify workers of the application by warning them or posting fumigant warning signs, as described in the "Placarding of Fumigated Areas" section of this labeling. Post the fumigant warning sign instead of the placard sign for this application, but follow all WPS requirements pertaining to the legibility, size, and timing of posting and removal.

Greenhouses — Soil or Space Fumigation: Post the fumigant warning sign outside all entrances to the entire greenhouse (entire enclosed structure).