1913

Please read instructions on reverse before completing form. Form Approved. OMB No. 2070-0060, Approval expires 11-30-9. United States Environmental Protection Agency OPP Identifier Number (A)Registration Office of Pesticide Programs (H7505C) Washington, DC 20460 Amendment Application for Pesticide: 203884 Other Section I 2. EPA Product Manager 3. Proposed Classification Company/Product Number 8622-44 Donales None Restricted PM# 4. Company/Product (Name) 80-20 Preplant Soil Fumigant 6. Expedited Review. In accordance with FIFRA Section 3(c)(3) 5. Name and Address of Applicant (Include ZIP Code) (b)(i), my product is similar or identical in composition and labeling Ameribrom, Inc. 52 Vanderbilt Azenue New York, NY 10017 EPA Reg. No._ Check if this is a new address Product Name Section II Final printed labels in response to Amendment - Explain below Agency letter dated Resubmission in response to Agency letter dated "Me Too" Application. Notification - Explain below 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 Unit Packaging Water Soluble Packaging Metal Yes* Yes Yes Plastic Glass No Paper If "Yes." If "Yes." No. per No. per Other (Specify) Unit Package wgt. container Package wgt. container Certification must be submitted. Location of Label Directions 3. Location of Net Contents Information 4. Size(s) of Retail Container ___ Container On Labeling accompanying product 6. Manner In Which Label Is Affixed To Product Lithograph Other (Paper glued Stendiled Section IV 1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.) Telephone No. (Include Area Code) Rhona McGee Regulatory Affairs Asst. (212) 692-6635 6 Dinta Application Certification Received I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. (Stamped) I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law 2. Signature Regulatory Affairs Asst. ** 4. Typed Name Rhona McGee

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.

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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 Jersons expose attachlor pict in is 0.1 ppn (0.7 mg/m³). The acceptable air concentration for persons exposed to mathylar mide is 5 ppm (20 mg/m³). The air concentration level is mentioned to a street reading detection device, such as a Mathesons that are

PERSONAL PROTECTIVE EQUIPMENT

Applicators and other handlers must wear:

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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 5ppm 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 broathing apparatus (SCBA) (MSHA/NIOSH approval number p.efix 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 typo specified above must be available and will be required for entry into an affected area in the event of a leak or spill.

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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 not 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 evewear 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.

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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.

80-20 PREPLANT SOIL FUMIGANT

FOR PREPLANT SOIL FUMIGATION.

ACTIVE INGREDIENTS:	By Wt.
METHYL BROMIDE	79.0%
CHLOROPICRIN	19.0%
INERT INGREDIENTS	2.0%
TOTAL	100%

ACUTELY TOXIC CHEMICAL

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

KEEP OUT OF REACH OF CHILDREN



POISON

Si Usted no entiende la etiqueta, busque a aiguien 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 thoroughly with soap and water.

If in eyes — Hold eyelids open and flush with a steady, gentle stream

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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. 8622-44

☐ EPA	EST.	NO.	67545-	AZ-0
□ EPA	EST.	NO.	15298	-IS-0
☐ EPA	EST.	NO.	29516-	FL-04
□ FPA	EST	NO	29516.	NC-0

follow the PPE manufacturer's instructions for washables, BEST AVAILABLE COPASE OF EMERGENCY CONTACT:

AmeriBrom, Inc.

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

FAX: (212) 286-4475

Chemtrec (800) 424-9300

AmeriBrom West 5419 Santa Clara Ave. Camarillo, CA 93010

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

(212) 286-4000 (NY)

AB46/Rev 2

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.

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by Certified Applicators or persons under their direct uses covered by the Certified Applicator's pertification.

30-20 EPLANT FUMIGANT

EPLANT SOIL FUMIGATION.

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Ingredient per gal. (LIQUID IN CYLINDER)

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s open and flush with a steady, gentle stream

Do not allow entry by unprotected persons into the function are a 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 is 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 upervision) may remove warning signs at entrances to fumigated structures.

S AGRICULTURAL USE REQUIRE ENTS

Use this product only in accordance with its labeling and the Worker Protection Standard, 40 CFR 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and graphouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains pecific instructions and exceptions pertaining to the statements in this labeling about personal protective equipment, restricted-entry intervals, and notification to vorkers. 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 RESTRICTION BEST AVAILABLE COPY

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 to 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.

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Ingredient per gal. (LIQUID IN CYLINDER)

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∐ EPA E	ST. NO.	67545-AZ-01
□ EPA E	ST. NO.	15298-IS-01
□ EPA E	ST. NO.	29516-FL-04
☐ EPA E	ST. NO.	29516-NC-01

IN CASE OF EMERGENCY CONTACT:

Inc

Chemtrec (800) 424-9300

or

AmeriBrom West

5419 Santa Clara Ave.

00 Camarillo, CA 93010

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

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

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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. inproper 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:

- 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 respirator equipment and detector devices, and emergency procedures, and proper use of the fumigant (see Product Manual No. AM-210).

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

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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 furnigate 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 furnigating.

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 inadverteritly 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 furnigant 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 80-20 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

80-20, a preplant soil furnigant, is used for the control of soil-borne pests such as:

Wireworms, June beetle larvae, while 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

80-20 is not effective against mallow, filaree, dodder, some species of clover, and certain other hard seeded weeds. Crops listed below can be treated.

CITRUS SOIL TREATMENT FO IN FLORID,

will not have harvestable fruit for a peof 11/3 lb./100 sq. ft. Expose to fumiga a 4-mil tarpaulin. Will control disease t setting transplants in treated area.

Apply with chisels spaced 12 inches apa a drag or cultipacker immediately behin Remove tarpaulin after recommended fu before planting. If odors persist, disc o

Do not apply 80-20 when there is little

Do not apply near buildings inhabited t to fields where valuable crops are grow

*Phytophthora diseases controlled are

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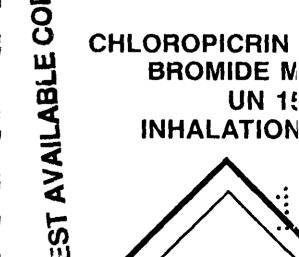
Following soil furnigation, undesirable conby areas. If this occurs, immediately cover tarpaulin on overnight and remove during t indicates that the undesirable concentrati most likely to occur in the evening or at r. in movement. Do not make application of ment or there is an inversion condition i

NOTE CAREFULLY: Following furnigation nitrogen may be raised. This is most like and fertilizers are applied to soils that are matter. Fertilizers containing ammonium sa containing nitrates until after the crop is a is above 65°F, in order to avoid ammoni fumidation, fertilize as indicated by soil te It is best that highly acid soils be limed b and reduce the possibility of ammonia to

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Many pesticidal chemicals are poisonous a to which they are applied. The U.S. Food. maximum amounts of such pesticide that at harvest, and it is the user's responsibilit crops at harvest in excess of these amounts on the best available information, and if tolls residues at harvest. However, AmeriBroni, accuracy nor for any loss due to excessiv

WARNING: Contains methyl bromide, a st environment by destroying oz



This is a preplant or replant treatment.

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.

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

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

80-20 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 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 80-20 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-light tarpaulin.

DOSAGE TABLE

Crop To Be Planted	a:	
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Lbs. 80-20 per Acre^{1,7}

Strawberries			 185-400
Tomatoes			 185-400
Cauliflower			 185-400
Broccoli		<i>.</i>	 185-400
Muskmelons			 185-400
Peppers			 185-400
Nursery Crops	s ⁴		 250-450
Plant & Seed	Beds3.4		 250-450

1 Row 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.

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

Many pesticidal chemicals are poisonous and may to which they are applied. The U.S. Food and Di maximum amounts of such pesticide that may re at harvest, and it is the user's responsibility to se crops at harvest in excess of these amounts. The on the best available information, and if followed c residues at harvest. However, AmeriBrom, Ing. & accuracy nor for any loss due to excessive lesi

WARNING: Contains methyl bromide, a substar environment by destroying ozone it

CHLOROPICRIN AI BROMIDE MIX UN 158 INHALATION H



Warranty: Seller warrants that the product confo is reasonably fit for the purpose stated on the la directions under normal conditions of use, but neit of MERCHANTABILITY or FITNESS FOR A PA implied, extends to the use of this product con abnormal conditions, or under conditions not re buyer assumes the risk of any such use. Buyer or handling of this material not in strict accorda

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ichus, Xiphinema and

broomrape, common 1 quackgrass at higher

species of clover, and treated.

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 1½ 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 80-20 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.

NOTE:

Following soil furnigation, 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 80-20 when there is little or no air movement or there is an inversion condition in the atmosphere.

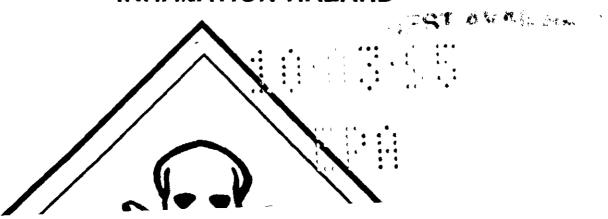
NOTE CAREFULLY: Following fumigation, the level of soluble salts and ammonia nitrogen may be raised. This is most likely to occur when heavy rates of fumigant and fertilizers are applied to soils that are either acid, wet, cold, or high in organic matter. Fertilizers containing ammonium salts should 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 reave 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 (in law 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, AmeriBrone, Inc. assumes no responsibility as to their accuracy nor for any loss due to excessive residuer.

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

CHLOROPICRIN AND METHYL BROMIDE MIXTURES UN 1581 INHALATION HAZARD



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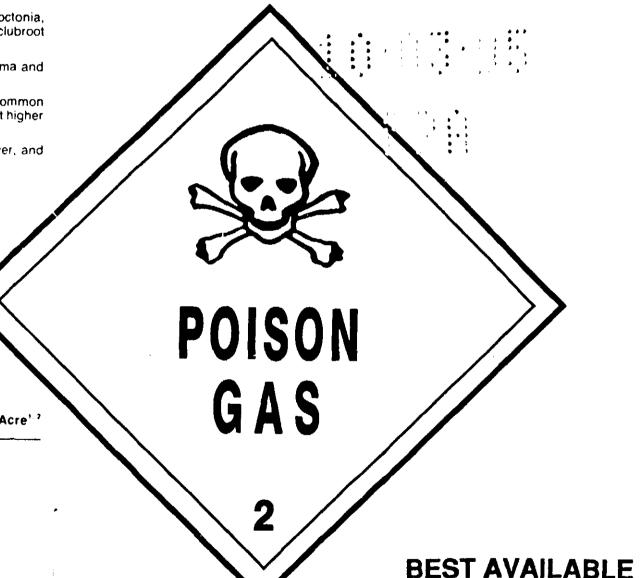
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Warranty: Seller warrants that the product conforms to its chemical description and is reasonably fit for the purpose stated on the label when used in accordance with directions under normal conditions of use, but neither this warranty nor other warranty 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 forseeable 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 HAZA IDS: 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 LEVI

The acceptable air concentration level for personal to each of lori bicrip 8.0.1 ppm (0.7 mg/m³). The roce table air continuous for for the long expect to methyl bromide is 5 ppm (20 ml/m³). The airc oncentration level is metallicated by a linear reading detection device such as a Matheson-K agawa.

ERSON L PROTECTIVE EQUIPMENT

Applicators and other handlers must wear:

Loose litting or well ventilated long-size red shirt and long pants. Shoes and socks.

Full-face shield or safety glasses with brow and temple shields (Do NOT wear googles) When the acceptable air concentration level is above 5 true and a receivable.

RESTRICT

For retail sale to and use only supervision, and only for those

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PRECAUTIONARY STATEMENTS ZARDS TO HUMANS & DOMESTIC ANIMALS

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DANGER

HIGH ACUTE TOXICITY

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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.

80-20 PREPLANT SOIL FUMIGANT

FOR PREPLANT SOIL FUMIGATION.

ACTIVE INGREDIENTS:	By Wt.
METHYL BROMIDE	. 79.0%
CHLOROPICRIN	. 19.0%
INERT INGREDIENTS	. 2.0%
TOTAL	100%

ACUTELY TOXIC CHEMICAL

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

KEEP OUT OF REACH OF CHILDREN



PELIGRO

PELIGRO

POISON
BEST AVAILABLE COPY

Do not allow e are removed. § chloropicrin is of methyl bron during the ent:

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