	7# 11220-20 NOT		Approved. OMB No. 2070	1 1 -0060. Approval expires 05-31-98			
O EDA		on Agency	D-ciotactic	OPP Identifier Number			
	Application	on for Pesticide - S	Section I				
1. Company/Product Number 11220-20		Lewis	2. EPA Product Manager 3. Proposed Classification Lewis				
4. Company/Product (Name) Tri-Form 15		PM# 21	PM# 21 None X Restricted				
5. Name and Address of App TriCal, Inc. P.O. Box 1327 Hollister, CA		(b)(i), my prod to:	EPA Reg. No.				
		Section - II					
Amendment - Explain Resubmission in response X Notification - Explain	Final Agent	Final printed labels in response to Agency letter dated "Me Too" Application. Other - Explain below. AUG 1 6 1995					
Explanation: Use additional page(s) if necessary. (For section I and Section II.) A calculation correction of the product's pounds/gal from 11 to 10.6. (Note: This correction does not change the nominal concentration of the active ingredients and does not change the certified limits shown on the previously submitted Confidential Statement of Formula)							
		Section - III					
1. Material This Product Will	Be Packaged In:						
Child-Resistant Packaging Yes* X No * Certification must be submitted	Unit Packaging Yes X No If "Yes" No. per Unit Packaging wgt. container		. per	ntainer Metal Plastic Flass Paper Other (Specify)			
3. Location of Net Contents Information 4. Size(s) Retail Container 5. Location of Label Directions							
X Label Container 50,100,200,360 1bs On Labeling accompanying product							
6. Manner in Which Label is Affixed to Product Lithograph Paper glued Stenciled Other							
		Section - IV					
1. Contact Point (Complete	items directly below for identificati	on of individual to be conta	acted, if necessary, to proce	ess this application.)			
1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.) Name Tom Duafala, Ph.D. Title Director, Research Telephone No. (Include Area Code) (408)637-01							
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 3. Title Director, Research 4. Typed Name 5. Date							
	Tree		Director, Research				
4. Typed Name Tom Duafala		5. Date 5/27/96		D2 17			

RESTRICTED USE PESTICIDE

RECD EPA/OPP/DPD2 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.

JUN -7

TRI-FORM

'A LIQUID SOIL FUMIGANT

FOR USE ONLY AS A PRE-PLANT SOIL FUMIGANT ON TERRESTRIAL CROPS TO CONTROL PLANT PARASITIC NEMATODES AND CERTAIN OTHER SOIL PESTS. NOT FOR USE IN GREENHOUSES OR OTHER ENCLOSED AREAS.

ACTIVE INGREDIENTS:

1,3-Dichloropropene Chloropterin
INERT INGREDIENTS:

78.9% 14.5% 100.0%

TOTAL.

Contains 9.0 pounds of 1,3-Dichloropropene and 1.6 pounds of chloropicrin per gallon

KEEP OUT OF REACH OF CHILDREN

DANGER



PELIGRO

Peligro: Si Usted no entiende la etiqueta, busque a algulen 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.

IN ALL CASES OF OVEREXPOSURE GET MEDICAL ATTENTION IMMEDIATELY. TAKE PERSON TO A DOCTOR OR TO AN EMERGENCY TREATMENT FACILITY.

FIRST AID

IF INHALED: Remove to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. If breathing is difficult, give oxygen. Call a physician.

IF ON SKIN: immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Call a physician. If water is not immediately available, remove excess chemical from skin with adsorbent material such as towel or dry soil, then proceed at once to a location where water is available and thoroughly wash contaminated skin with plenty of water. Call a physician.

IF IN EYES: Immediately flush eyes with plenty of water for at least 15 minutes. Call a physician.

IF SWALLOWED: Do not induce vomiting. Call a physician or Poison Control Center immediately. Never give anything by mouth to an unconscious person.

NOTE TO PHYSICIAN: Because rapid absorption may occur through lungs if product is aspirated and causes systemic effects, the decision to induce vomiting or not should be made by a physician. If lavage is performed, endotracheal and/or esophageal control is suggested. Danger from lung aspiration must be weighed against toxicity when considering emptying the stomach.

See Side Panel For Additional Procautionary Statements.

TRICAL

P.O. Box 1327, Hollister CA 95024

E.P.A. EST. 11220-CA-1,2,3,4; FL-1 E.P.A. REG. NO. 11220-20

NET CONTENTS LBS.

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PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS: DANGER PELIGRO HAZARDOUS LIQUID AND VAPOR

DO NOT SWALLOW ANY OF THIS PRODUCT, MAY BE FATAL IF SWALLOWED

* DO NOT SWALLOW ANY OF THIS PRODUCT. MAY BE FATAL IF SWALLOWED

DO NOT GET IN EYES. CAUSES SEVERE EYE INJURY.

DO NOT GET ON SKIN. MAY BE FATAL IF ABSORBED THROUGH THE SKIN. CAUSES SKIN BURNS. MAY CAUSE ALLERGIC SKIN REACTION.

DO NOT BREATHE VAPOR MAY BE FATAL IF INHALED. MAY CAUSE LUNG, LIVER. AND KIDNEY DAMAGE AND RESPIRATORY SYSTEM IRRITATION UPON PROLONGED CONTACT.

THE USE OF THIS PRODUCT MAY BE HAZARDOUS TO YOUR HEALTH. THIS PRODUCT CONTAINS 1,3-DICHLOROPROPENE, WHICH HAS BEEN DETERMINED TO CAUSE TUMORS IN LABORATORY ANIMALS. RISKS CAN BE REDUCED BY EXACTLY FOLLOWING DIRECTIONS FOR USE, PRECAUTIONARY STATEMENTS, AND BY WEARING THE PERSONAL PROTECTIVE EQUIPMENT SPECIFIED IN THIS LABELING.

THIS TUMIGANT HAS THE CAPACITY TO CAUSE MARKED IRRITATION TO THE UPPER RESPIRATORY TRACT. A STRONG LACHRYMATOR (TEAR-PRODUCING EYE RRITANT), LOW CONCENTRATIONS ARE CAPABLE OF CAUSING PAINFUL EYE IRRITATION. THE EFFECT MAY BE SO POWERFUL THAT A PERSON MAY BECOME TEMPORARLY BLINDED AND PANIC-STRICKEN. THAT, IN TURN, MAY LEAD TO ACCIDENTS.

AIR CONCENTRATION LEVEL

The acceptable air concentration level for persons exposed to chloropicnin is 0.1 ppm (0.7 mg/M²). The air concentration level is measured by a direct reading detection-device, such as a Metheson-Kilagawa, Draeger, or Sensidyne.

PERSONAL PROTECTIVE EQUIPMENT(PPE)

Chemical-Rossitant Malerials: Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for category in an aEPA chemical resistance category affection chart. PPE constructed of Saranex, neoprene, and chiorinated polyethylene provide short-lerm contact or solash profection against lightly in this product. Longer-term protection is provided by PPE constructed of Viton, Teflon, and EVAL barrier laminates (for example, Responder suits manufactured by L'E-guard or Silvershield gloves manufactured by North). Leather, canvas, or cotton materials offer no protection from this product and must not be worn when contact with this product is requisite. this product is possible.

- (1) Handlers Performing Direct-Contact Tasks: Direct-contact tasks are tasks performed outdoors or in a well-ventilated area. They include:
- equipment calibration or adjustment
- equipment cleanup and repair
- equannous ceasing and repair product sampling any activity less than 6 feet from an unshielded pressurized bose containing this
- moval of larp or plastic film
- rinsale disposal fumigant transfer cleanup of small spils

a cleanup of small spits

preparing containers for seration

any other handling task not otherwise listed in (2), (3), (4) or (5) below.

Handlers performing direct-contact tasks must wear: (a) Coveralls over short-sleeved shirt and short pants; (b) Chemical-resistant gloves, such as berrier laminate (EVAL) or vitor; (c) Chemical-resistant foolwear plus socks; (d) Chemical-resistant headgear for overhead exposure; (e) Chemical-resistant apron; (f) Full-face Respirator with either an organic-vapor-removing cartridge with a prefilter approved for pesticides (MSHANIOSH approval number prefix TC-13G). See further respirator requirements in the "User Safety Requirements" section in this label. Safety Requirements' section in this label.

(2) Handlers in Enclosed Cabe: Applicators and other handlers in enclosed cabs must wear: (a) Coveraits; (b) Shoes and socks; (c) Plus, if odor or irritation from this product can be delected inside the enclosed cab or if the six concentration level of chloropicnic. can be detected inside the enclosed cab or if the air concentration level of chloropicini exceeds 0.1 ppm inside the enclosed cab, handlers in the cab must wear a full-face respirator with either an organic-vapor-temoving cartridge with a prefiler approved for pesticides (MSHANIOSH approval number prefix TC-23C), or canister approved for pesticides (MSHANIOSH approval number prefix TC-14G). See further respirator requirements in the "User Safely Requirements's action of the labet, (d) in addition, the PPE specified in (1) for direct-contact activities must be immediately available in the enclosed cab and must be worn if the handler feaves the enclosed cab to perform any direct-contact activity. The enclosed cab must meet the requirements fisted in the Worker Protection Standard (WPS) for agricultural posticides-40 CFR 170.240(d)(5).

Worker Protection Standard (WYS) for agricultural postedes-40 CFR 170240(a)(5).

(3) Applicators Outside an Enclosed Cab: Applicators applying this product (or sealing the soll following application of this product) who are not inside an enclosed cab that meets WPS requirements must wear: (a) Coveralis over short-sleeved shirt and short pants; (b) Chemicat-resistant glowes, such as barrier laminate (EVAL) or villon; (c) Chemicat-resistant footwear plus socks; (d) Chemicat-resistant headgear for overhead exposure, (e) Plus, if odor or striation from this product can be detected, handlers must wear a fulf-face respirator with either an organic-vapor-removing cartridge with a prefilter approved for pesticides (MSHANIOSH approval number prefix TC-23C) or cansister approved for pesticides (MSHANIOSH approval number prefix TC-14G). See further respirator requirements in the "User Safety Requirements" section on this label.

(4) Handlers in Treated Area Within 72 Hours After Application: Only the following handler tasks may be performed in the treated area within 72 hours after the application is complete:

- Assessing/adjusting the soil seal

 Assessing pest control, application technique, or application efficacy
 Samping air or soil for this product
Att other tasks are prohibited until the 72 -hour period has expired. Unless in an All other tasks are prohibited until the 72 -hour period has expired. Unless in an enclosed cab as described in (2) above, handlers performing the above tasks in the resided area within 72 hours after application must wear; (a) Coverais; (b) Chemical-resistant gloves, such as barrier laminate (EVAL) or vition; (c) Chemical-resistant foot wear and socks; (d) Plus, if odor or irritation from this product can be detected, handlers must wear; a full-face respirator with either an organic-vapor-removing cartridge with a prefiter approved for pesticides (MSHA/NIOSH approval number prefit TC-2CQ), or canister approved for posticides (MSHA/NIOSH approval number prefix TC-14G). See further respirator requirements in the "User Safety Requirements" section on this labet.

See Requirements Continued in Third Column

Requirements, Continued:

(5) Handlers Exposed to High Concentrations; Handlers exposed to high sirborne concentrations of this product, such as cleanup following large spills, and exposure to this product in poorly ventitated areas, must wear: (a) Chemical-resistant suit; (b) Chemical-resistant gloves, such as barrier laminate (EVAL) or viton; (c) Chemical-resistant footwear plus socks; (d) Chemical-resistant headgear; (e) Supplied-sir respirator with MSHANIOSH approval number prefix TC-13C or set-contained breathing apparatus (SCBA) with MSHANIOSH approval number prefix TC-13F. See butter respirator requirements in the "User Safety Requirements" section of the label.

1906. NOTE: In-lank cleaning of buk lanks must be performed only by persons who have been specifically trained for this activity according to OSHA guidelines as described in 29 CFR Part 1910.146. Refer to Tritone Application Guide section on storage lanks.

USER SAFETY REQUIREMENTS

OSER SAFETT REQUIREMENTS

1. Respirator Requirements: When a respirator is required for use with this product, the following criteria must be melt (a) Full-face respirators must be worn; (b), Cartridges or canisters must be replaced daily or when odor or irritation from this product becomes apparent, whichever is sooner; (c) Respirators must be file-tested and file-checked using a program that conforms to OSHA's requirements (described in 29 CFR Part 1910.134); (d) Respirator users must be trained using a program that conforms to OSHA's requirements (described in 29 CFR Part 1910.134); (e) Respirator users must be availabled medical practitions to assure solutions.

to OSPA's requirements (described in 29 CPR Part 1910.134); (e) Respirator users must be examined by a qualified medical practitioner to ensure physical ability to safely wear the style of respirator to be worn.

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

3. Drivers Responsibilities: 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 other while funnishing.

driver white furnigating.

4. Dispose of Contaminated Clothing: Discard clothing and other absorbent materials that have been drenched or heavily contaminated with liquid of this product. Do not

reuse them.

5. Clean and Maintain PPE; Folow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry. Wash PPE after each day's use.

6. Contact With Mouth: Never sphon this product by mouth or use mouth to blow out

clogged lines, nozzles, etc.
7. Heat lilness Avoidance

To Heat Illness Avoidance: Use measures to avoid or minimize near united which this product. These measures include gradual adjustment to heat and respirator stress, fans for cooling, cooling vests, frequent breaks to cool down, frequent intake of drinking water, and maintaining weight from day to day.

USER SAFETY RECOMMENDATIONS

- are should be done eating, drinking, chewing gurn, using lobacco, or using the loilet. Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put
- on clean clothing. Remove PPE imm
- on clear tooming.

 Remove PDE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean

EMERGENCY: In case of an emergency endangering health or the environment involving this product, call the 24 Hour Emergency Phone Number (800) 424-9300.

STORAGE, SHIPMENT AND DISPOSAL

SHIPPING, STORAGE: Agricultural Chemical. Do not ship or store with food, feeds, drugs or cothing.

STORAGE: Store in lightly-closed original container in a cool place away from dwellings. Do not allow contamination of seeds, plants, fertilizers, or other positicide chemicals. Do not contaminate food, feed stuffs, drugs, or domestic water supplies.

not contaminate lood, feed stuffs, drugs, or domestic water supplies.

DISPOSAL: Pesticide wastes are toxic. Improper disposal of excess pesticide and rinsales is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your state pesticide or environmental control agency, or the hazardous waste representative at the nearest EPA regional office for guidance. Because 1,3-dichloropropene is corrosive under certain conditions, flust hall application equipment with fuel oil, kerosene or a similar type of petroleum solvent immediately after use. Fill pumps and meters with new motor oil or a 50% motor ol/fuel of mixture before storing. Do not use water. Dispose of finsale by applicable Federal, State and local regulations. Never introduce rinsale or unused product into surface or underground water supplies.

METAL CONTAINER DISPOSAL: To dispose of container emptied during application operation, remove bungs, invert container in the field just treated and ensure that the container is free of fiquid. Orient container such that venitation of bung holes is not restricted. Allow containers to areate for at least 14 days. Replace bungs prior to transport. After aeration, offer container to qualified reconditioner or dispose of as directed by State or local regulations.

REFILLABLE CONTAINERS: Contact the company and/or the company representative for directions on cleaning and handling refitable containers.

BULK OR MINIBULK PRODUCT TRANSFERS: Dry break or dry disconnect couplings are required for all product transfers involving bulk containers for products containing 1,3-dichloropropene as of September 30, 1993.

ENVIRONMENTAL HAZARDS

Do not contaminate water by cleaning of equipment or disposal of wastes. See "Storage, Shipment and Disposal" section. In case of spills, properly dispose of contaminated

Ground Water Advisory: 1,3-dichloropropene is known to move through soil and under certain conditions has the potential to reach ground water as a result of agricultural use, Application in areas where soils are permeable and ground water is near the surface, or in karat geology, could result in ground water contamination.

PHYSICAL OR CHEMICAL HAZARDS

FLAMMABLE: Do not use, pour, spil, or store near heat or open flames. Do not cut or weld container.

- 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 posticide regulation.

ENGINEERING CONTROLS REQUIREMENTS

MECHANICAL TRANSFER SYSTEM: Personal protective equipment specified for "Direct Contact Activities" must be worn by the operator of the mechanical transfer system must have available to him the manufacture's written instructions for operation of the system and must read and understand (or have explained to him in detail) the proper operation and maintenance of

ine system.
WITH ALL BULK AND MINI-BULK CONTAINERS: 1,3-dichloropropene and WITH ALL BULK AND MINI-BULK CONTAINERS: 1,3-cinchropropene and 1,3-dichboropropene mixed with choropicrin must be transferred through connecting hoses, pipes, and/or couplings sufficiently light to prevent handlers or other persons from coming in contact with Riguid 1,3-dichboropropene, and/or chloropicrin.

1. All hoses, piping, and tanks used in connection with 1,3-dichboropropene and/or chloropicrin shall be appropriate for use under the pressure and vacuum conditions to

be encountered.

2. External sight gauges shall be equipped with valves so that pipes to sight gauge can be shul off in case of breakage and leakage.

3. The mechanical transfer system must be adequate to make necessary measure-

3. The mechanical transfer system must be adequate to make necessary measurements of the positicide being used.
4. Shut-off devices must be installed on the exit end of all hoses and all all disconnect points to prevent leakage of 1,3-dichloropropene and/or chloropicrin product when the transfer is stopped and hose is removed or disconnected. A dry coupler that will minimize pesticide leakage must be installed at the disconnect point.
5. The pressure in hoses used to move 1,3-dichloropropene and/or chloropicrin beyond a pump must not exceed the manufacturer's maximum pressure specification.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR 170. Refer to supplemental labeling under "Agricultural Use Requirements" in the Direction for Use section for information about this standard.

WARRANTY DISCLAIMER

NOTICE: Salle warrants that this product conforms to the chemical description on the tabel and is reasonably fit for the purposes stated on the label when used in accordance with directions under normal conditions of use, but neither this warranty nor any 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.

INHERENT RISKS OF USE: It is impossible to eliminate all risks associated with use INFARCENT MISKS OF USE: It is impossible to eliminate at risks associated with use of this product. Crop injury, tack of performance, or other unintended consequences may result because of such factors as use of the product contrary to label and label bookle instructions (including conditions noted on the label and label booklet, such as unfavorable temperatures, soil conditions, etc.), abnormal conditions (such as excessive rainfait, drought, formadoes, hurricanes), presence of other materials, the manner of application, all of which are beyond the control of the company or the seller, All such risks shall be assumed by Buyer.

LIMITATION OF REMEDIES: The exclusive remedy for losses or damages resulting LIMITATION OF REMEDIES: The exclusive remedy for losses or damages resulting from this product (including claims based on contract, negligence, shirt kability, or other legal theories), shall be limited to, at the company's election, one of the following; (1) Refund of purchase price paid by buyer or user for product bought; or, (2) Replacement of amount of product used. The company shall not be liable for losses or damages resulting from handling or use of this product unless the company is promptly notified of such loss or damage in writing. In no case shall the company be liable for consequential or incidental damages or losses. The terms of the Warranty Disclaimer above and this Limitation of Remedies cannot be varied by any written or verbal statement or agreements. No employee or sales agent of the company or the seller is authorized to vary or exceed the terms of the Warranty Disclaimer or this Limitation of Remedies in any manner. any manner.



RESTRICTED USE PESTICIDE

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.

LABEL BOOKLET
DIRECTIONS FOR USE INCLUDING STORAGE, SHIPMENT AND DISPOSAL;
PRECAUTIONARY INFORMATION, INCLUDING REQUIREMENTS FOR PERSONAL
PROTECTIVE EQUIPMENT; ENGINEERING CONTROL AND REQUIREMENTS; AND
AGRICULTURAL USE REQUIREMENTS.

TRI-FORM

A LIQUID SOIL FUMIGANT

FOR USE ONLY AS A PRE-PLANT SOIL FUMIGANT ON TERRESTRIAL CROPS TO CONTROL PLANT PARASITIC NEMATODES AND CERTAIN OTHER SOIL PESTS. NOT FOR USE IN GREENHOUSES OR OTHER ENCLOSED AREAS.

ACTIVE INGREDIENTS:

1,3-Dichloropropene Chloropicrin **INERT INGREDIENTS:**

78.9% 14.5% 6.6%

TOTAL 100.0%

Contains 9.0 pounds of 1,3-Dichloropropene and 1.6 pounds of chloropicrin per gallon

CRICAL

P.O. Box 1327, Hollister CA 95024

E.P.A. EST. 11220-CA-1,2,3,4; FL-1 E.P.A. REG. NO. 11220-20

NET CONTENTS LBS.

KEEP OUT OF REACH OF CHILDREN

DANGER



PELIGRO

POISON

Peligro: 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.

IN ALL CASES OF OVEREXPOSURE GET MEDICAL ATTENTION IMMEDIATELY. TAKE PERSON TO A DOCTOR OR TO AN EMERGENCY TREATMENT FACILITY.

FIRST AID

IF INHALED: Remove to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. If breathing is difficult, give oxygen. Call a physician.

IF ON SKIN: Immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Call a physician. If water is not immediately available, remove excess chemical from skin with adsorbent material such as towel or dry soil, then proceed at once to a location where water is available and thoroughly wash contaminated skin with plenty of water. Call a

IF IN EYES: Immediately flush eyes with plenty of water for at least 15 minutes. Call a physician.

IF SWALLOWED: Do not induce vomiting. Call a physician or Polson Control Center immediately. Never give anything by mouth to an unconscious person.

NOTE TO PHYSICIAN: Because rapid absorption may occur through lungs if product is aspirated and causes systemic effects, the decision to induce vomiting or not should be made by a physician. If lavage is performed, endotracheal and/or esophageal control is suggested. Danger from lung aspiration must be weighed against toxicity when considering emptying the atomach.

See Side Panel For Additional Precautionary Statements.

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS: DANGER **PELIGRO** HAZARDOUS LIQUID AND VAPOR

DO NOT SWALLOW ANY OF THIS PRODUCT. MAY BE FATAL IF

DO NOT SWALLOW ANY OF THIS PRODUCT. MAY BE FATAL IF SWALLOWED.

DO NOT GET IN EYES, CAUSES SEVERE EYE INJURY.

DO NOT GET ON SKIN, MAY BE FATAL IF ABSORBED THROUGH THE SKIN, CAUSES SKIN BURNS, MAY CAUSE ALLERGIC SKIN REACTION.

DO NOT BREATHE VAPOR MAY BE FATAL IF INHALED, MAY CAUSE LUNG, LIVER, AND KIDNEY DAMAGE AND RESPIRATORY SYSTEM BRITATION UPON PROLONGED CONTACT.

THE USE OF THIS PRODUCT MAY BE HAZARDOUS TO YOUR HEALTH. THIS PRODUCT CONTAINS 1,2-DICHLOROPROPENE, WHICH HAS BEEN DETERMINED TO CAUSE TUMORS IN LABORATORY ANIMALS, RISKS CAN BE REDUCED BY EXACTLY FOLLOWING DIRECTIONS FOR USE, PRECAUTIONARY STATEMENTS, AND BY WEARING THE PERSONAL PROTECTIVE EQUIPMENT SPECIFIED IN THIS LABELING.

THIS FUMIGANT HAS THE CAPACITY TO CAUSE MARKED IRRITATION TO THE UPPER RESPIRATORY TRACT. A STRONG LACHRYMATOR (TEAR-PRODUCING EYE BRITANT). LOW CONCENTRATIONS ARE CAPABLE OF CAUSING PAINFUL EYE BRITATION, THE EFFECT MAY BE SO POWERFUL THAT A PERSON MAY BECOME TERFOOTARILY BLINDED AND PANIC-STRICKEN, THAT, IN TURN, MAY LEAD TO ACCIDENTS.

AIR CONCENTRATION LEVEL

The acceptable air concentration level for persons exposed to chloropicin is 0.1 ppm (0.7 mg/M³). The air concentration level is measured by a direct reading detection-device, such as a Metheson-Kūsgawa, Draeger, or Sensidyne.

PERSONAL PROTECTIVE EQUIPMENT(PPE)

CHROUNAL PROJECTIVE EQUIPMENT(PPE)
Chemical-Resistant Malerials: Some malerists that are chemical-resistant to this product are Isted below. If you want more options, follow the instructions for category H on an EPA chemical resistance category selection chart. PPE constructed of Saranex, reoperene, and chlorihated polyethylene provide short-term contact or splash protection against fluid in this product. Longer-term protection is provided by PPE constructed of Vion, Teffon, and EVAL barrier taminates (for example, Responder subs manufactured by Life-guard or Sivershield gloves manufactured by North). Leather, canvas, or cotton malerials offer no protection from this product and must not be worm when contact with this product is possible.

- (1) Handlers Performing Direct-Contact Tasks: Direct-contact tasks are tasks performed outdoors or in a well-ventilated area. They include:

 equipment castration or adjustment equipment cleanup and repair

- product sampling
- any activity less than 6 feet from an unshielded pressurized hose containing this
- removal of larp or plastic film
- rinsale disposal

in rissele disposal

furnigant transfer

cleanup of small spits

preparing containers for seration

any other handling lask not otherwise isled in (2), (3), (4) or (5) below.

Handlers performing direct-contact tasks must wear, (a) Coveralls over short-sleeved shirt and short pants; (b) Chemical-resistant gloves, such as barrier taminate (EVAL) or vitor; (c) Chemical-resistant follower plus socks; (d) Chemical-resistant hadges for overhead exposure; (e) Chemical-resistant apron; (f) Full-face Respirator with either an organic-vapor-removing cartridge with a prefiller approved for pesticides (MSHANNOSH approval number prefix TC-12G), or canister approved for pesticides (MSHANNOSH approval number prefix TC-14G). See further respirator requirements in the "User Safety Requirements" section in this labet.

(2) Handlers In Enclosed Cabs: Applicators and other handlers in enclosed cabs must wear: (a)Coverals; (b) Shoes and socks; (c) Plus, if odor or kritation from this product can be delected inside the enclosed cab or if the air concentration level of chioropicini exceeds 0.1 ppm inside the enclosed cab, handlers in the cab must wear a ful-face respirator with either an organic-vapor-removing cartridge with a prefilter approved for positicides (MSHANIOSH approval number prefix TC-23C), or canister approved for positicides (MSHANIOSH approval number prefix TC-23C), or canister approved for positicides (MSHANIOSH approval number prefix TC-14C). See further respirator requirements in the "User Safety Requirements" section of the label; (d) in addition, the PPE specified in (1) for direct-contact activities must be immediately available in the enclosed cab and must be worn if the handler leaves the anclosed cab to perform any direct-contact activity. The enclosed cab must meet the requirements issed in the Worker Profection Standard (WPS) for agricultural positicides 40 CFR 170240(d)(5). (2) Handlers In Enclosed Cabs; Applicators and other handlers in enclosed cabs must

Worker Protection Standard (WYS) for agrecultural pesticides 40 CFR 170240(d)(5).

(3) Applicators Outside an Enclosed Cab: Applicators applying this product (or sealing the soil following application of this product) who are not inside an enclosed cab that meets WPS requirements must wear; (a) Coveralls over short-sleeved shirt and short pants; (b) Chemical-resistant gloves, such as barrier laminate (EVAL) or vitor); (c) Chemical-resistant flootwear plus socks; (d) Chemical-resistant headgest for overhead exposure, (e) Plus, if odor or irritation from this product can be detected, handlers must wear a full-face respirator with either an organic-vapor-removing cartridge with a prefilter approved for pesticides (MSHANNIOSH approval number prefix TC-230) or canister approved for pesticides (MSHANNIOSH approval number prefix TC-240). See further respirator requirements in the Tuser Safety Requirements' section on this labet.

(4) Handlers in Treated Area Within 72 Hours After Application: Only the following handler tasks may be performed in the treated area within 72 hours after the application

is complete:

Assessing acjusting the soil seal

Assessing pest control, application technique, or application efficacy

Samping air or soil for this product

All other tasks are prohibited until the 72 -hour period has expired. Unless in an enclosed cab as described in (2) above, handlers performing the above tasks in the treated area within 72 hours after application must wear; (a) Coveralls; (b) Chemical-casistant gloves, such as barrier laminate (EVAL) or viton; (c) Chemical-resistant foot wear and socks; (d) Plus, if odor or irritation from this product can be detected, handlers must wear; a fulf-face respirator with either an organic-vapor-removing cartridge with a prefiter approved for pesticides (MSHANIOSH approval number prefix TC-12C), or canister approved for pesticides (MSHANIOSH approval number prefix TC-14G). See further respirator requirements in the "User Safety Requirements" section on this labet.

See Requirements Continued in Third Column

Requirements, Continued:

Requirements, Continued; (5) Handlers Exposed to High stittome concentrations; Handlers exposed to High stittome concentrations of this product, such as cleanup fotowing large spils, and exposure to this product in poorly ventilated areas, must wear: (a) Chemical-resistant suit; (b) Chemical-resistant gloves, such as barrier laminate (EVAL) or viton; (c) Chemical-resistant flowess plus socks; (d) Chemical-resistant headgear; (e) Supplied-air respirator with MSHANIOSH approval number prefix TC-19C or self-contained breathing apparatus (SCBA) with MSHANIOSH approval number prefix TC-13F. See further respirator requirements in the "User Safety Requirements" section of the label.

MOTE: In-tank cleaning of buk lanks must be performed only by persons who have been specifically trained for this activity according to OSHA guidelines as described in 29 CFR Part 1910.145. Refer to Trione Application Guide section on storage tanks.

USER SAFETY REQUIREMENTS

1. Respirator Requirements: When a respirator is required for use with this product, the following criteria must be mot: (a) Full-face respirators must be worn; (b). Cartridges or canisfers must be replaced daily or when odor or kritation from this product becomes apparent, whichever is sconer; (c) Respirators must be filt-lested and filt-checked using a program that conforms to OSHA's requirements (described in 29 CFR Part 1910.134); (d) Respirator users must be trained using a program that conforms to OSHA's requirements (described in 29 CFR Part 1910.134); (e) Respirator users must be examined by a qualified medical practitioner to ensure physical ability to safely wear the style of respirator to be worn. wear the style of respirator to be worn.

wear the style of respirator to be worn.

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

3. Drivers Responsibilities: Drivers of application equipment must advise other workers of all procautions 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 white furnigating.

4. Dispose of Contaminated Clothing: Discard clothing and other absorbent materials that have been drenched or heavily contaminated with liquid of this product. Do not

Folse them.

5. Clean and Maintain PPE: Follow manufacturer's instructions for cleaning/maintaining PPE, if no such instructions for washables, use delergent and hot water. Keep and wash PPE separately from other laundry. Wash PPE after each day's use.

6. Contact With Mouth: Never sphon this product by mouth or use mouth to blow out

logged fines, nozzles, etc.

Heat Illness Avoidance; Use measures to avoid or minimize heat litness while using

this product. These measures include gradual adjustment to heat and respirator stress, fans for cooling, cooling vests, frequent breaks to cool down, frequent intake of drinking water, and maintaining weight from day to day,

USER SAFETY RECOMMENDATIONS

- Wash hands before eating, drinking, chewing gum, using lobacco, or using the toilet. Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put
- on clean ciolhing.

 Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean cicthing.

EMERGENCY: In case of an emergency endangering health or the environment involving this product, call the 24 Hour Emergency Phone Number (800) 424-9300.

STORAGE, SHIPMENT AND DISPOSAL

SHIPPING, STORAGE: Agricultural Chemical. Do not ship or slore with food, feeds, dayas or dething.

STOPAGE: Store in tightly-closed original container in a cool place away from dwellings. Do not allow contamination of seeds, plants, fertifizers, or other posticide chemicals. Do not contaminate food, feed stuffs, drugs, or domestic water supplies.

DISPOSAL: Pesticide wastes are toxic. Improper disposal of excess pesticide and DISPOSAL: Pesticide wastes are toxic. Improper disposal of excess posticide and instates is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your state pesticide or environmental control agency, or the hazardous waste representative at the nearest EPA regional office for guidance. Because 1,3-dichloopropene is corrosive under certain conditions, flush all application equipment with fuel oil, kerosene or a similar type of petroleum solvent immediately after use. Fill pumps and meters with new motor oil or a 50% motor offuel oil mixture before storing. Do not use water. Dispose of finiste by applicable Federal, State and local regulations. Never introduce rinsate or unused product into surface or undetergrant water surface. underground water supplies.

METAL CONTAINER DISPOSAL To dispose of container emplied during application operation, remove bungs, invert container in the field just treated and ensure that the container is free of liquid. Orient container such that ventilation of bung holes is not restricted. Allow containers to aerole for at least 14 days. Replace bungs pror to transport. After aeration, offer container to qualified reconditioner or dispose of as directed by State or local regulations.

REFILLABLE CONTAINERS: Contact the company and/or the company representative for directions on cleaning and handling refitable containers. REFILLABLE CONTAINERS:

BULK OR MINIBULK PRODUCT TRANSFERS: Dry break or dry disconnect couplings are required for all product transfers involving bulk containers for products containing 1,3-dichloropropene as of September 30, 1993.

ENVIRONMENTAL HAZARDS

Do not contaminate water by cleaning of equipment or disposal of wastes. See "Storage, Shipment and Disposal" section. In case of spills, properly dispose of contaminated materials.

Ground Water Advisory: 1,3-dichloropropene is known to move through soit and under certain conditions has the potential to reach ground water as a result of agricultural use. Application in areas where soils are permeable and ground water is near the surface, or in karst geology, could result in ground water contamination.

PHYSICAL OR CHEMICAL HAZARDS

FLAMMABLE: Do not use, pour, spil, or store near heat or open flames. Do not cut or weld container.

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 posticide regulation.

ENGINEERING CONTROLS REQUIREMENTS

MECHANICAL TRANSFER SYSTEM: Personal protective equipment specified for "Direct Contact Activities" must be worn by the operator of the mechanical transfer system. The operator of the mechanical transfer system must have available to him the manufacturer's written instructions for operation of the system and must read and understand (or have explained to him in detail) the proper operation and maintenance of

WITH ALL BULK AND MINI-BULK CONTAINERS: 1,3-dichloropropene and ATL BULK AND MINI-BULK CONTAINERS: 1,3-dichloropropene and 1,3-dichloropropene mixed with chloropicinin must be transferred through connecting hoses, pipes, and/or couplings sufficiently light to prevent handlors or other persons from coming in contact with fauld 1,3-dichloropropene, and/or chloropicrin.

1. At hoses, piping, and tanks used in connection with 1,3-dichloropropene and/or chloropicrin shall be appropriate for use under the pressure and vacuum conditions to

External sight gauges shall be equipped with valves so that pipes to sight gauge can be shut off in case of breakage and leakage.
 The mechanical transfer system must be adequate to make necessary measure-

3. The mechanical transfer system must be adequate to make necessary measurements of the positicide being used.

4. Shut-off devices must be installed on the exit end of all hoses and at all disconnect points to prevent leakage of 1,3-dichloropropene and/or chloropicrin product when the transfer is atopped and hose is removed or disconnected. A dry coupler that will minimize posticide leakage must be installed at the disconnect point.

5. The pressure in hoses used to move 1,3-dichloropropene and/or chloropicrin.

beyond a pump must not exceed the manufacturer's maximum pressure specification.

AGRICULTURAL USE REQUIREMENTS

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 positiodes. 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 use of this product that are covered by the Worker Protection Standard (WPS), ENTRY RESTRICTION: Entry (including early entry that would otherwise be permitted under the WPS) by any porson-other than a correctly trained and equipped handler who happification until 72 hours after application. In addition, it large are used for the application, non-handler entry is prohibled white tarps are being removed.

NOTIFICATION: Notify workers of the application by warning them orally and by posting furnigant warning signs at entrances to treated areas. The signs must bear the skull and crossbones symbol and state: (1) "DANGERPERELIGRO," (2) "Area under furnigation, DO NOT ENTERNO ENTRE." (3) the date and time of furnigation, (4) 1,3-Dichloropropene and Chloropicini furnigants in use, and (5) name, address, and elephone number of the applicator. Post the furnigant warning sign instead of the VPS sign for this application, but follow all WPS requirements pertaining to location, legibility, size, and timing of posting and removal.

PPE FOR ENTRY DURING THE ENTRY-RESTRICTED PERIOD: PPE for entry that is permitted by this tabeling."

WARRANTY DISCLAIMER

NOTICE: Seller warrants that this product conforms to the chemical description on the label NOTICE: Seller warrants that this product conforms to the chemical description on me about and is reasonably file for the purposes stated on the label when used in accordance with directions under normal conditions of use, but neither this warranty nor any other warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE, express or implied, extends to the use of this product contary to label instructions, or under abnormal conditions, or under abnormal conditions or under conditions not reasonably foreseeable to seler, and buyer assumes the risk of any such use.

INHERENT RISKS OF USE: It is impossible to eliminate all risks associated with use INTERENT KISNS OF USE: It is impossible to eliminate all risks associated with use of this product. Crop injury, tack of performance, or other unintended consequences may result because of such factors as use of the product contrary to label and label booklet instructions (including conditions noted on the label and label booklet, such as unfavorable temperatures, sook conditions, all.c.), abnormal conditions (such as excessive rainfall, drought, termadoes, hurricanes), presence of other materials, the manner of application, all of which are beyond the control of the company or the seller. All such risks shall be assumed by Buyer.

LIMITATION OF REMEDIES: The exclusive remedy for losses or damages resulting from this product facilities haved on contract maniference, stick liability or other leads.

LIMITATION OF REMEDIES: The exclusive remedy for losses or damages resulting from this product (nectuding claims based on contract, negligence, strict liability, or other legal theories), shall be limited to, at the company's election, one of the following: (1) Refund of purchase price paid by buyer or user for product bought; or, (2) Reptacement of amount of product used. The company shall not be liable for losses or damages resulting from handling or use of this product unless the company is promptly notified of such loss or damage in writing. In no case shall the company be liable for consequential or incidental damages or losses. The terms of the Warranty Disclatimer above and this Limitation of Remedies cannot be varied by any written or verbal statement or agreements. No employee or sales agent of the company or the seller is authorized to vary or exceed the terms of the Warranty Disclatimer or this Limitation of Remedies in any manner.

GENERAL INFORMATION

This product is a multi-purpose liquid furnigant for preplant treatment of soil to control nematodes, symphylans, wireworms and certain soil borne diseases in

Before fumigation, soil sampling for the type and number of pests present is recommended. In fields where pre-treatment soil samples indicate the presence of high population levels of nematodes, a successful fumigation cannot be expected to eradicate entire populations. Therefore, post-treatment sampling is recommended to determine the need for additional past nent practices.

Consult State Agricultural Experiment Station or Extension Service specialists for information on other practices such as post-harvest destruction of crop residues, weed control or other cultural practices, and use of nematode resistant crop varieties that may aid in reducing crop losses from soil borne

GENERAL USE PRECAUTIONS

Soil furnigation using this product should be conducted only according to directions and conditions of use described in this labeling.

FORMULATOR USE OF 1,3-DICHLOROPROPENE:

Labeling for end use products containing 1,3-dichloropropene that are prepared and-sold by formulators must comply with all precautionary statements, use precautions, environmental hazards, handling and protective equipment requirements, maximum application rates and other exposure mitigation measures specified in this product labeling.

RECONTAMINATION PREVENTION:

This product will control pests that are present in the soil treatment zone at time of fumigation. It will not control pests that are introduced into soil after on turnigation. To avoid reinfestation of treated soil do not use imigation water, transplants, seed pieces, or equipment that could carry soil bome pests from infested land. Avoid contamination from moving infested soil onto treated beds through cultivation, movement of soil from below the treated zone, dumping contaminated tare soil in treated fields and soil contamination from equipment or crop remains. Clean equipment carefully before entering treated fields.

Dry break or dry disconnect couplings are required for all product transfers involving bulk containers for 1,3-dichloropropene as of September 30, 1993.

Do not use containers, pumps or other transfer equipment made of aluminum, magnesium or their alloys, as under certain conditions 1,3-dichloropropene may be severely comosive to such metals.

EQUIPMENT CLEAN-UP:

Because 1,3-dichloropropene is corrosive under certain conditions, flush all application equipment with fuel oil, kerosene or a similar type of petroleum solvent immediately after use. Fill pumps and meters with new motor oil or a 50% motor oil/fuel oil mixture before storing. Do not use water. Dispose of rinsale by incorporation into field just treated or by other approved means. Never introduce rinsale or unused product into surface or underground water supplies.

CHEMICATION:

Do not apply 1,3-dichloropropene through any type of irrigation system.

FERTILITY INTERACTIONS:

Furnigation may temporarily raise the level of ammonia nitrogen and soluble salts in the soil. This is most likely to occur when heavy rates of fertilizer and furnigant are applied to soils that are either cold, wel, acid, or high in organic matter. To avoid injury to certain crops including red beets, carrols, com, radishes, cole crops, legumes (beans), lettuce, onions, and sugar beets, fertilize as indicated by soil tests made after fumigation.

To avoid ammonia injury or nitrate starvation (or both) to crops grown on high organic soils, do not use fertilizers containing ammonium salts. Use only fertilizers containing nitrates until after the crop is well established and the soil temperature is above 65 degrees F.

In mineral soils, do not apply more than 2/3 of the nitrogen requirements from fertilizers containing ammonium salts until the crop is well established and the soil temperature is above 65 degrees F.

When using high rates of the product as required by certain state nursery when using right rates of the product as required by certain state fluties regulations, liming of highly acid soils before furnigation may stimulate nitrification and reduce the possibility of ammonia toxicity. Certain nursery crops such as citrus seedlings, Comus sp., Crataegus sp., spruce, and vegetable crops such as cauliflower have shown evidence of phosphorus deficiency following furnigation. To avoid this possible effect, it is suggested that additional phosphate fertilizer (foliar applied) is recommended where experience indicates a deficiency may occur.

APPLICATION DIRECTIONS

APPLICATION TIMING: This product can be applied at any time of the year when soil conditions permit. Conditions that allow rapid diffusion of the furnigant as a gas through the soil normally give best results. Because this product does not provide residual control of soil pests, it should be used as a preplant application before planting each crop. The following soil temperature and moisture conditions should exist at time of treatment. Failure to meet these conditions may result in unsatisfactory product performance:

SOIL CONDITIONS: Soil temperature at the depth of application must be between 40 degrees F and 80 degrees F. In areas where the soil temperature in the spring may not reach 40 degrees F in time to allow application of this product prior to planting, late summer or early fall treatment is recommended.

Soil moisture throughout the desired treatment zone should be at or near the permanent willing point to allow optimum dispersion of the fumigant, which moves as a gas through the soil air spaces. The permanent wilting point varies with soil feature and organic matter content. Coarser textured soils can be fumigated under conditions of higher soil moisture than finer textured soils; however, if the soil moisture is too high, furnigant movement will be retarded and effectiveness of the treatment will be reduced. Previous and/or local experience with the soil to be treated or the crop to be planted can often serve as a guide to conditions that will be acceptable. If you do not know how to determine the soil moisture content of the area to be treated, consult your local extension service or soil conservation service specialist or pest control advisor (ag consultant) for assistance.

In general, no imigation should immediately precede subsciling or furnigation; however, when surface soil moisture conditions are not likely to provide an adequate seal against furnigant loss, a very light sprinkler irrigation to wet the top 1 to 2 inches of soil may be useful.

SOIL PREPARATION: The soil should be free of clods. Large clods can DUIL FREMANATION: The soil should be free of clods. Large clods can prevent effective soil sealing and reduce effectiveness of this product. Plant residues should be thoroughly incorporated into the soil prior to treatment to avoid interfering with application. Undecomposed plant material may harbor pests that will not be controlled by furnigation. Little or no crop residue should be present on the soil surface. Crop residue that is present should lie flat to permit the soil to be sealed effectively. Compacted soil tayers within the desired treatment zone should be fractured before or during application of the furnigant. Beviation from the above conditions may result in unsatisfactory results. results.

PLACEMENT OF FUMIGANT: This product may be applied as either a broadcast (overall) or row treatment. It must be placed at least 10 inches below the final soil surface. When soil conditions allow, placement a minimum of 12 inches below the final soil surface is recommended. Deeper placement is recommended when fumigating soil to be planted to deep-rooted plants, such as perennial fruit and nut crops, or to control deeply distributed pests.

APPLICATION METHODS AND EQUIPMENT

BROADCAST APPLICATION: Use chisel (shank), Noble (sweep) plow or BROADCAST APPLICATION: Use chisel (shank), Noble (sweep) plow or plow-sole application equipment. For best results when using chisel equipment use ripper-type, forward-swept shanks. Noble plow equipment is particularly useful for fall furnigation when the soil still contains some standing undecomposed plant material. Subsoiling may be necessary before application as described under "Soil Preparation". Choose application equipment which allows the deepest application and best soil seal under existing conditions.

The funigant outlet spacing varies with the type of application equipment used. With chisel equipment a funigant shank spacing of 12 to 24 inches is recommended. The outlet spacing for this equipment may be up to 1 1/2 times the application depth but generally should be equal to the application depth and should not exceed the soil-shattering capability of the chisels. The maximum outlet spacing should not exceed 24 inches. With notwesple application at 12-inch outlet spacing is recommended. Do not exceed an outlet spacing of 18 inches. With Noble (sweep) play equipment use an outlet spacing of 9-12

Broadcast application can be made in the same direction or at an angle to the direction of row planting.

ROW APPLICATION: Use chisel equipment to treat a band of soil where the crop is to be planted, i.e. the plant row. One or two chisels per plant row is crop is to be planted, i.e. the plant row. One or two chisels per plant row is recommended. In general, when one chisel is used, apply product at the flow rates given. When two chisels per plant row are used, space the chisels (fumigant outlets) 8 to 12 inches apart and divide the flow rates equally between the two outlets. Regardless of the number of chisels used, the amount of fumigant applied per 1000 feet of plant row should remain the same. With certain deeper rooted crops such as potatoes and sugar beets, higher flow rates may be nocessary to ensure adequate treatment of the zone of soil where prismary root growth occurs; however, in no case should the amount of fumigant applied per acre exceed the galtons per acre 110s for igant applied per acre exceed the gallons per acre tales for broadcast treatment.

APPLICATION METHODS AND EQUIPMENT (Continued):

To prevent seed germination problems caused by Improper seed-to-soil contact or improper seeding depth, do not place the seed directly over the furrow left by the applicator chisel(s). When one chisel is used per plant row, place the seed about 4 inches to one side of the chisel furrow. When two chisels are used per plant row, plant the seed offset from the chisel trace.

SEALING THE SOIL AFTER APPLICATION: Immediately after chisely application of the product, the soil should be "sealed" to prevent furnigant loss and ensure that an effective concentration of furnigant is maintained within the soil for a period of several days.

Ear Broadcast Treatment filet furnigation), sealing can be accomplished with equipment that will uniformly mix the soil to a depth of 3 to 4 inches to effectively eliminate chisel or plow traces which can allow direct escape of the furnigant. A tandem disc or similar equipment may be used for this purpose. To maximize sealing, steps should also be taken to compact the soil surface to further retard the rate of furnigant loss by following with a ring roller, cultipacker or roller in combination with thinge equipment. Compaction of the soil surface alone may give the appearance of adequate sealing without effectively disrupting chisel or plow traces.

For Row Treatment, forming the beds at the time of application should be accomplished in a manner that places the furnigant at least 12 inches from the nearest solidar interface. The closest solidar interface could be the furnow for multiple furlie applications or the top of the bed for single furlie applications. Row treatments into preformed beds should be sealed by disrupting the chisel trace using press sealers, ring rollers or by reforming the beds and following with such equipment.

Sealing can also be improved by applying non-perforated plastic film, such as polyethylene, over the entire area or in strips: Use of a film to seal the soil surface does not eliminate the need to eliminate chisel traces prior to application of the plastic film unless simultaneous application and tarp laying by the same piece of equipment occurs and the tarp is a minimum of 1 mit trick.

Proper soil conditions at the time of application (see Soil Preparation section) are important to ensure proper placement of furnigant (see Placement of Furnigant section) and to obtain adequate seating. Prior tillage should be adequate to eliminate clods and thoroughly mix crop residues into the soil.

SOIL FUMIGATION INTERVAL: Leave the soil undisturbed and unplanted for at least 7 days after application of the fumigant. A longer undisturbed interval is required if the soil becomes cold or wet, and for deep-rooted tree, shrub and vice planting sites,

should not vice planting siles.

After the furnigation interval, to prevent phytoloxicity, allow the furnigant to dissipalle completely before planting the crop. Under optimum sof conditions for dissipation, I week for each 10 gallons/scre is recommended. For full, not, and numery crops at least twee months should elipse between treatment and planting. To hasten dissipation, especially if heavy rains or low lemperatures occur during the treatment period. If the soft to the depth of furnigant application. Use a brite-five chief without turning the soft to reduce the possibility of recontaminating the treated soft. Dissipation is usually complete when the odor of the product is no longer evident at the application depth. Seed may be used as a blocassay to determine if the product is present in the soft at concentrations sufficient to cause plant injury. Do not plant if the odor of the product is present within the zone of furnigation.

APPROVED USES

Use TRI-FORM 15 only as a preplant treatment to control NEMATODES such as meadow (teston), root knot, citrus, burrowing, ring, spiral, sting, pin, stubby root, stylot, dagger and cyst formers (golden and sugar beet), also wheworms, garden centipodes, (symphylars) in land to be planted to vegetables such as beans, beets, carnots, celery, cole crops (cautiflower, cabbage, etc.), com, cucurbits (cucumbers, melons, etc.) lettuce, onions, parsnips, peas, peppers, spinach, sweet potatoes, white potatoes, tomatoes, lumips, and field crops such as cotton, peanuts, sugar beets, mint and tobacco; and other high value crops such as foral crops, pheappie, strawberries, citrus and deciduous orthard planting sites, omamentals and forest nursery crops. For best results with annual crops, treat soil each year. Do not use on extremely heavy clay soil.

DISEASE: For the control of black shank, black root rot, and Granville wilt in lobacco use 8.5 to 10.5 gallons per acre in the row (42' apart) and for broadcast treatment use 15 to 20 gallons per acre. NOTE: For soil borne disease control in tobacco, do not apply more than 20 gallons of product per acre.

For the control of soil rot (soil pox) in sweet polatoes use 8.5 to 10.5 gallons per acre in row treatment where rows are 42" apart and 24 to 27.5 gallons per acre broadcast (reatment.

For the control of *Versicalism will* of white potatoes, mint and *Pyrenochaela* tenestris (pink root of onions) use 24 to 27.5 gallons per acre broadcast treatment.

As an aid in controlling peanut pod tol disease, apply 2.5 to 5 gallons per acre.

APPLICATION RATES TRI-FORM 15

Crop ¹	Type of Treatment	 Soil Type	Gallons Per Acre2	
Shallow Rooted Plants: Field Crops Floral Crops Grasses and Turf Small Fruits	For (42°)	Mineral Muck or Peat	5.1 to 10.3 to	6.9 13.7
Vegetables Ornamentals	Over-all (broadcast)	Mineral Muck or Past	10.3 to 27.4 to	17.1 41.1
Strawberries	Over-all	Mineral	27.4	41.1
Sugar Beets Root-Knot Namatode	For (42").	Sandy or Sandy Loam	12.8 to	6 21.4
Sugar Beet Nesatode	Nov (42") *	Sandy or Sandy Loam	12.8 to	10.3
Pineapple	ROW	Mineral	25.7 to	51.4
Citrus-Florida	Over-all	Sandy		34.2
Nursery and Field:	Gallons Per Ac	Over-all re To Penetrat	• Various D	epths
Citrus Fruit Trees Deciduous Fruit Trees Forest Trees Grepes Nut Trees Ornamentals (deep roo	Sandy Loam Silt Loam Clay Loam	3 ft 4 f 17.1 23. 30.8 34. 47.9 58. 61.6 78.	9 30.8 2 41.1 1 71.8	6 ft 37.6 54.7 85.5 116.3

Not to be used with squatic crops or for forestry uses.
Use the higher rates in heavier soil.

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NOTE: To control symphylans (garden centipedes) use only over-all (broadcast) at 21.4 more callons per acre and apply during late summer or saly fall when soil is warm. To control wireverms use decages recommended for negatodes in overall or broadcast treatments.