PM - 22

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY WASHINGTON, D.C. 20460

PEC 16 1994

TOM DUAFALA TRICAL, INC. P.O. BOX 1327 HOLLISTER, CA. 95024

OFFICE OF PREVENTION, PESTICIDES AND TOXIC SUBSTANCES

Subject: Label Amendment Submission of 6/20/94 in Response to PR Notice 93-7 EPA Reg. No. 11220-21 TRI-FORM 30

Dear Registrant:

The labeling cited above and submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is accepted subject to the comments reflected on the enclosed sheet. A copy of your proposed labeling stamped "ACCEPTED WITH COMMENTS" is enclosed.

WHAT THIS ACCEPTANCE MEANS:

Based on your certification, the Agency has accepted the labeling changes that are necessary to comply with the Worker Protection Standard (WPS) labeling requirements of 40 CFR part 156, subpart K, described in PR Notices 93-7 and 93-11. Any other labeling changes submitted in connection with this amendment application but not directly related to compliance with the WPS have not been reviewed or accepted by the Agency. If you wish to make such changes, you must submit a separate amendment application proposing them. If your product is currently suspended, the acceptance of this labeling amendment does not affect the suspension in any way.

WHAT YOU NEED TO DO NEXT:

By the next label printing make all the specified changes to your labeling. Send to EPA one (1) copy of the final printed labeling:

- BEFORE selling or distributing any product bearing the final printed labeling AND
- WITHIN one year from date of this acceptance.

Submit the final printed labeling via the U.S. Postal Service to:

Document Processing Desk (FIN-LABEL)
Office of Pesticide Programs (7505C)
U.S. Environmental Protection Agency
401 M Street, SW
Washington, D.C. 20460-0001

Hand or courier deliveries of final printed labeling may be made to:

Document Processing Desk (FIN-LABEL)
Office of Pesticide Programs
Room 266A, Crystal Mall 2
1921 Jefferson Davis Highway
Arlington, VA 22202

Sincerely,

Tim Tompkins, Deputy Chief Registration Support Branch Registration Division (7505W)

Attachment

Tom Duafala Ph.D. Trical

Comments for: EPA REG. NO. 11220-15, 20,21 TRI-FORM 40/60, TRI-FORM 15, TRI-FORM 30

The following specific comments pertain to your WPS labeling submission concerning the product cited above:

In section 1 under PERSONAL PROTECTIVE EQUIPMENT delete "Application or soil-sealing outside an enclosed cab" Add the Personal Protective Equipment section for "Applicators Outside an Enclosed Cab" on page 5 of 11 of PR Notice 93-7 Supplement 4-E.

In section 1 under PERSONAL PROTECTIVE EQUIPMENT change "Applicators and other handlers performing direct contact tasks must wear" to "Handlers performing direct contact tasks must wear:"

In section 1 under PERSONAL PROTECTIVE EQUIPMENT change "Any other handling tasks not otherwise listed in (2),(3), or (4) below" to "Any other handling tasks not otherwise listed in (2),(3),(4) or (5) below"

Add the following to the end of the PPE section for "Handlers Exposed to High Concentrations":

NOTE: In-tank cleaning of bulk tanks shall be performed only by persons who have been specifically trained for this activity. refer to OHSA 29 CFR 1910.146 and the Telone User's Guide, section on storage tanks.

Application

ADD "EVAL" after barrier laminate in the chemical-resistant glove statements.



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.

TRI-FORM 30

A LIQUID SOIL FUMIGANT
FOR PREPLANT TREATMENT OF CROP LANDS TO
CONTROL PLANT PARASITIC NEMATODES AND
CERTAIN OTHER SOIL PESTS. NOT FOR USE
IN GREENHOUSES OR OTHER ENCLOSED AREAS.

ACCEPTED
with COMMENTS
In EPA Letter Dated

DEC 16 1994

ACTIVE INGREDIENTS:
1,3-Dichloropropene
Chloropicrin
29%
INERT INGREDIENTS:
6%
TOTAL
100%

Under the Federal Insecticide. Fundicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 11220-21

Contains 7.7 pounds of 1,3 Dichloropropone and 1.3 pounds of chloropicrin per gation.

KEEP OUT OF REACH OF CHILDREN

DANGER



PELIGRO

POISON

Peligro: Si Usted no e tiendo 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 physician.

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

IF SWALLOWED: Do not Induce verniting. 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 Precautionary 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. 11220-21

NET CONTENTS LBS.

PRECAUTIONARY STATEMENTS HAZARD TO HUMANS AND DOMESTIC ANIMALS: DANGER

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 LYCS, 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 BIREATHE VAPOR, MAY BE FATAL IF INICILED, MAY CAUSE LUNG, LIVER, AND KIDNEY DAMAGE AND RESPIRATORY SYSTEM MRITATION UPON PROLONGED CONTACY.

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 FUNIGANT HAS THE CAPACITY TO CAUSE MARKED IRRITATION TO THE UPPER RESPIRATORY TRACT. A STRONG LACHRYMATOR (ILAR-PRODUCING EYE BRITANT), LOW CONCENTRATIONS ARE CAPABLE OF CAUSING PANNEL EYE BRITATON. THE EFFECT MAY BE SO POWERFUL THAY A PERSON MAY BECOME TEMPORARILY BLINDED

POWERFUL THAT A PERSON MAY BECOME TEMPORARRY BLINDED AND PANIC STRICKEN. THAT, IN TURN, MAY LEAD TO ACCIDENTS.

AIR CONCENTRATION LEVEL

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

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Chemical-Resistant Materials: Some materials that are chemical-resistant to the product are lated below. If you want more options, follow the instructions for category H on an EPA chemical resistance category exection chart. PPE constructed of Seraner, neoprene, and chiarmated polyethylene provide short term contact or splash protection against figured of this product. Longer-term protection is provided by PPE constructed of Vision, Tetlon, and EVAL betrier terminates (for example, Responder suits manufactured by Ure-guard or Severatied gloves manufactured by North). Leather, canvas, or cotton materials often no protection from this product and must not be worn when contact with this product is possible. this product is possible.

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

- « equipment calibration or adjustment
- equipment viesnup and repair

- equipment deening and repair product sampling application or soft-sealing outside an enclosed cab any activity less than 6 feet from an unshielded pressurized hose containing this product, removal of tarp or plastic firm
- rinsule disposal furniquet transfer

- Immgant transfer
 cleanup of smatspiris
 preparing containers for aeration
 any other handling task not otherwise Ested in (2), (3), or (4) below
 Applications and other handlers performing direct-contact tasks must wear.
 Coveraits over short-sleeved shirt and short pants.
- Chemical-resistant gloves, such as barrier faminate or viton,
 Chemical-resistant footwear plus socks,
 Chemical-resistant headgear for overhead exposure,
- Chemical-resistant apro-
- Unemcal-residant apron,
 Full-face Respirator with either an organic-vapor-removing cartridge with a prefilter approved for posticides (MSHA/NIOSH approval number prefix TC-23C), or a canicter approved for posticides (MSHA/NIOSH approval number prefix TC-14G).
 See further respirator requirements in the "User Safety Requirements" section of the

(2) Handlers In Enclosed Cabs: Applicators and other handlers in enclosed cabs must

- Coverate
- Coverals,
 Shoes and socks,
 Plus, 8 odor or irritation from this product can be detected inside the enclosed cab or 8 the air concentration level of chloroptimin exceeds 0.1 ppm inside the enclosed cab, handers in the cab must livear a full-face respirator with either an organic-vapor-removing cartridge with a prefitter approved for pesticides (MSHANNOSH approval number prefix TC-12C), or a canister approved for pesticides (MSHANNOSH approval number prefix TC-14G). See further respirator requirements the "User Safety Requirements" section of the labet.
 In addition, the PPE specified in (1) for direct-contact activities must be immediately evaluable in the enclosed cab and must be worn if the handler layers the enclosed cab to perform any direct-contact activity. The enclosed cab must meet the requirements fall-d in the Worker Protection Standard (WPS) for agricultural positione-40 CFR 170 240(4)(5).
- pesiidee-40 CFR 170 240(d)(5).
- (3) Handlere in Treated Area Within 72 Hours After Application; Only the following handler tasks may be performed in the Irealed area within 72 hours, after the application
- Assessing/adjusting the soil seat

 Assessing pest control, application technique, or application efficacy
 Sampling ar or soil for the 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 freated area within 72 hours effer application must wear.

- Coverats.
- Chemical resistant cloves, such as barrier laminete or viloni Chemical resistant fuotwear and socks.

Unemcal resistant fuolities and socks, Plus, 8 odor or kristion from this product can be detected or 8 the air concentration level of chloropicine exceeds 0.1 ppm, handlers must weer a full-face respirator with either an organic-vapor removing cartridge with a prefiler approved for pesticides (MSHANNOSH approval number prefix TC-29C), or a canister approved for pasticides (MSHANNOSH approval number prefix TC-14C). See further respirator recurrements in the "L"sx" Safety Requirements' section of the label.

See Requirements Continued in Third Column

Requirements, Continued:

- (4) Handlers Exposed to High Concentrations; Handlers exposed to high actome contrations of this product, such as cleanup following large spills, in tank cleaning of bulk lanks, and exposure to this product in poorly ventilated areas, must wear;
- Chemical-resistant suc.
- Chemical resistant gloves, such as barrier feminate or viton,

Chemical resistant footwear ; his socks,

Chemical-resistant headgear,

Supplied air respirator with MSHANIOSH approval number prefix TC-19C or ser-contained breathing apparatus (SCBA) with MSHANIOSH approval number prefix TC-13F. See further respirator requirements in the "User Safety Requirements" section of the label.

USER SAFETY REQUIREMENTS

1. Respirator Requirements: When a respirator is required for use with this product, 1. Respirator (requirements: when a respirator is required for use with this product, the following criteria must be met: (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 fit-lested and fachected using a program that conforms to OSHA's requiremental (described in 29 CFR. Part 1910,134).

(d). Respirator users must be trained using a program that 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 praculioner to ensure physical ability to safely wear the style of respirator to be worn.

2. Never Furnigate alone: it is imperative to always have an assistant and proper protective equipment in case of accreents.

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 drives while furnicating.
- Dispose of Conteminated Ciothing: Discard ciothing and other absorbent m that have been drenched or heavily contaminated with figure of this product. Do not
- Clean and Maintain PPE: Follow 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 faundry. Wash PPE after each day's use.

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

clagged fines, nozzlet, etc.

7. Host Illness Avoidance: Use measures to avoid or minimize heat thess 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 mainlaining weight from day to day.

USER SAFETY RECOMMENDATIONS

- Wash hands before eating, drinking, chewing gum, using tobacco, or using the tollet, Remove clothing immediately dipesticide gets inside. Then wash thoroughly and put
- Remove corresponding section on clean clothing.

 Remove PPE immediately effer 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 environ 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 alore with food, feeds. drugs or cipiture.

STORAGE: Slore in lightly-closed original container in a cool place eway from dv Do not allow contemination of seads, plants, fertilizers, or other pasticles chemicals. Do not contaminate food, feed stuffs, drugs, or domestic water supplies.

DISPOSAL: Posticide wastes are toxic. Improper disposal of excess posticide and DISPOSAL: Perticide waster are toxic. Improper disposal of excess perticide and inseles is a violation of Federal time. 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 corresive under certain conditions, flush all application equipment with that oil, kerosene or a similar type of petroleum solvent immediately after use. Fill pumps and meters with new motor oil or a 50% motor of truel oil mature before storing. Do not use water. Depose of rineate by applicable Federal, State and local regulations. Never introduce rinsate or unused product into surface or round water supplies.

METAL CONTAINER DISPOSAL: To dispose of container emptied during application present contracts utal value at a spose or container emptied during application operation, remove bungs, invert container in the field just treated and ensure that two container is free of Equid. Orient container such that ventilation of bung holes is not restricted. Allow containers to aerate for at least 14 days. Replace bungs prior to transport. After aeration, offer container to qualified reconditioner or dispose of as deecled by State or local regulations.

REFELABLE CONTAINERS: REFELLABLE CONTAINERS: Contact the company and/or the company representative for directions on cleaning and hundling refiliable containers.

BULK OR MINIBULK PRODUCT TRANSFERS: Dry break or dry deconnect couplings are required for all product learnings 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 spets, properly dispose of contaminated malena**k**,

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

PHYSICAL OR CHEMICAL HAZARDS

FILAMMABLE. Do not use, I our, apill, or since near heat or open flames. Do not out or wald container.

DIRECTIONS FOR USE

R is a violation of Federal law to use this product in a manner inconsistent with its liabeling. Do not apply this product in a way that wit 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 procedure 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 system. The operation in mechanism search of the system and must read and understand (or have explained to him in detail) the proper operation and maintenance of

AND MINI-BULK CONTAINERS: 1,3-dichloropropens and WITH ALL BULK AND MINI-BULK CONTAINERS: 1,3-dichloropropene and 1,3-dichloropropene mixed with chloropicnin must be transferred through connecting huses, pipes, and/or couplings sufficiently light to prevent handlers or other persons from coming in contact with figure 1,3-dichloropropene, and/or chloropicnin.

1. All hosse, piping, and tanks used in connection with 1,3-dichloropropene and/or chloropicnin shall be appropriate for use under the pressure and vecture conditions to

us encountered.

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

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

4. Shull off desires

4. Shul-off devices must be installed on the ext end of all hoses and at all disconnect 4. Shul-off devices must be instated on the earlier of all notes and as decounter, points to prevent leastage of 13-dichtopropopers and/or chloropicing 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-dichloropropens and/or chloropic/in beyond a pump must not exceed the manufacturer's maximum pressure specification.

AGRICULTURAL USE REQUIREMENTS

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

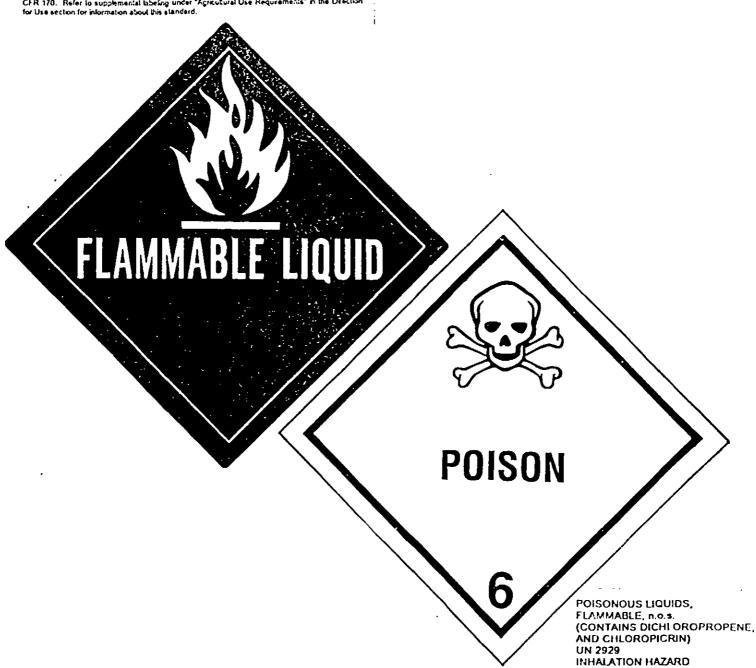
WARRANTY DISCLAIMER

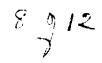
NOTICE: Seller warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the tabel when used in accordance with directions under normal conditions of use, but neither this warranty nor any other warranty of MI RCHANTABILITY or FITNESS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

conditions not reasonably to reseable to select, and buyer assumes the risk of any such use. INHERENT RISKS OF USE: it is impossible to eliminate all risks assumable with use of this product. Crop hjury, lack 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 tabel and label booklet, such as unfavorable temperatures, soil conditions, etc.), abnormal conditions (such as excessive reantal, drought, formations, 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, sinct lability, or other legal theories), shall be finled 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 fable 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 lable 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 select is authorized to vary or exceed the terms of the Warranty Disclaimer or this Limitation of Remedies in any manner.

CA April, 1994





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; PRICAUTIONARY INFORMATION, INCLUDING REQUIREMENTS FOR PLRSONAL PROTECTIVE EQUIPMENT; ENGINEERING CONTROL AND REQUIREMENTS; AND AGRICULTURAL USE REQUIREMENTS.

TRI-FORM 30

A LIQUID SOIL FUMIGANT
FOR PREPLANT TREATMENT OF CROP LANDS
TO CONTROL PLANT PARASITIC NEMATODES
AND CERTAIN OTHER SOIL PESTS.
NOT FOR USE IN GREENHOUSES OR OTHER ENCLOSED AREAS.

ACTIVE INGREDIENTS:

 1,3-Dichloropropene
 65%

 Chloropicrin
 29%

 INERT INGREDIENTS:
 6%

 TOTAL
 100%

Contains 7.7 pounds of 1,3-Dichloropropene and 3.3 pounds of chloropicrin per gallon.

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. 11220-21

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 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 Precautionary Statements.

PRECAUTIONARY STATEMENTS HAZARD TO HUMANS AND DOMESTIC ANIMALS: DANGER

HAZARDOUS LIQUID AND VAPOR.

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

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DO NOT GET IN EYES. CAUSES SEVERE EYE MIJURY.

DO NOT GET ON SKIM, MAY BE FATAL # ABSORBED THROUGH THE SKIM. CAUSES SKIN BURNS, MAY CAUSE ALLERGIC SKIN REACTION, DO NOT BIRLATHE VAPOR. MAY BE FATAL # INITIALED, MAY CAUSE LUNG, LIVER, AND KIDNEY DAMAGE AND RESPIRATORY SYSTEM BIRITATION UPON PROLONGED CONTACT.

THE USE OF THIS PRODUCT MAY BE HAZARDOUS TO YOUR HEALTH. THIS PRODUCT CONTAINS 1,3-DICHLOROPROPENE, MINCH 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 PLRSONAL PROTECTIVE EQUIPMENT SPECIFIED IN THIS LIBELING. THIS FUMIGARIT HAS THE CAPACITY TO CAUSE MARKED IRRITATION TO THE UPPER RESPINATORY TRACT. A STRONG LACHRYMATOR (TEAR.PRODUCING EYE IRRITANT), LOW CONCENTINATIONS ARE CAPABLE OF CAUSING PAINFUL EYE IRRITATION, THE EFFECT MAY BE SO POWERFUL THAT A PERSON MAY BECOME TEMPORARILY BLIND, D

POWERFUL THAT A PERSON MAY BECOME TEMPORARILY BLIND, D 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 a measured by a direct reading detection device, such as a Matheson-Klagawa, Draeger, or Sensidyne,

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Chemical-Resistant Materials: Some materials that are chemical-resistant to the product are lated below. If you want more options, follow the instructions for category H on an EPA chemical resistance category selection chart. PPE constructed of Saranes, neoprate, and chlorinated polyethylane provide snort-term contact or splash protection against liquid of this product. Longer term protection is provided by PPE constructed of Your, Tellon, and EVAL barrier laminates (for example, Responder suds manufactured by Life-guard or Silvershield gloves manufactured by North). Leather, canves, or cotton materials ofter no protection from the product and must not be worn when contact with the overfile is constituted. 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
- product sampling
- application or sol-sealing outside an enclosed cab any activity lass than 6 feet from an unshelded pressurized hose containing this
- removal of larp or plastic film
- rinsale disposal fumigant transfer
- cleanup of small spills
- preparing containers for aeration
 any other handling lask not otherwise fisted in (7), (3), or (4) below
 Applicators and other handlers performing direct-contact lasks must wear:
 Coverals over short-siseeved shift and short pents.
 - Chemical resistant gloves, such as barrier laminate or viton, Chemical-resistant footwear plus socks,
- Chemical resident headgear for overhead exposure,
- Chemical resultant headgest for overhead exposure.
 Chemical resultant apron.
 Full-face Respirator with either an organic-reproved number prefix TC-20C), or approved for pesticides (MSHANNOSH approved number prefix TC-20C), or a canister approved for pesticides (MSHANNOSH approved number prefix TC-10C), See further respirator requirements in the "User Safety Requirements" section of the
- (2) Handlers in Enclosed Cabs: Applicators and other handlers in enclosed cabs must
- · Coveralle
- Shoes and socks,
- Shoes and socks,
 Pixe, if odor or irritation from this product can be detected. Inside the enclosed cab or if the air concentration level of chloropicrin exceeds 0,1 ppm. Inside the enclosed cab, handlers in the cab must, wear a full face respirator with either an organic-vapor-removing cartridge with a prefiler approved for pesticides (MSHANIOSH approval number prafix TC-20C), or a canaler approved for pesticides (MSHANIOSH NIOSH approval number prefix TC-14G). See further respirator requirements in the "User Selety Requirements" section of the label.
- in addition, the PPE specified in (1) for dract-contact activities must be im in soution, the HTC specified in (1) for direct-confact activities must be immediately available in the enclosed cab and must be worn if the handler leaves the enclosed cab to perform any direct-confact activity. The enclosed cab must meet the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides 40 CFR 170.240(d)(5).
- (3) Handlers in Treated Area Within 72 Hours After Application: Only the following handler lasks may be performed in the treated area within 72 hours, after the application
- Assessing/acjusting the soil seel
- Assessing pest control application lechnique, or application efficacy

 Sampling ar 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 kealed area within 72 hours after application must wear

- Chemical resistant obves such as barrier laminate or viton.
- Chemical resistant gloves such as barrier laminate or viton, Chemical resistant footwear and socks, Plus, if odor or irritation from this product can be detected or if the air concentration level of chloropicini exceeds 0.1 ppm, handlers must, wear a full-face respirator with either an organic-vapor-removing cartridge with a prefider approved for pasticides (MSHANNOSH approved number prefix TC-23C), or a cansier approved for pesticides (MSHANNOSH approval number prefix TC-14G). See further respirator requirements in the "User Sefety Requirements" section of the labet.

See Requirements Centinued in Third Column

Requirements, Continued:

- (4) Handlers Exposed to High Concentrations: Handlers exposed to high artisme concentrations of this product, such as cleanup following large spits, in lank cleaning of bulk tanks, and exposure to this product in poorly ventilated areas, must wear.

 - Chemical-resistant still, Chemical-resistant gloves, such as berrier laminate or valon, Chemical-resistant footwear plus socks, Chemical-resistant headgear,

 - Supplied-air respirator with MSHANIOSH approval number prefix TC-19C or ser-contained breathing apparatus (SCBA) with MSHANIOSH approval number prefix TC-19F, See further respirator requirements in the "User Safety Requirements" section of the lebel

USER SAFETY REQUIREMENTS

 Respirator Requirements: When a respirator is required for use with this product, the following criteria must be met: (a). Full-face respirators must be worn. (b). Cartridges or canisters must be replaced daily or when odder or irritation from this product becomes apparent, whichever is sooner. (c). Respirators must be Ri-lested and finchecked 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 conform to OSHA's requirements (described in 29 CFR Part 1910:134), (e). Respirator user

to Ostaka requerements concrete in 20 CM Part 1910, 191, 191 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. Nover Furnigate alone, it is imperative to always have an assistant and proper protective equipment in case of accidents,

3. Orders 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 driver with furnitation.

driver white fumigating.

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

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 sighten this product by mouth or use mouth to blow out.

cloaged fines, nozzles, etc.

Host Bloos Avoidance: Use measures to avoid or minimize heat liness while using 7. Has times a valuance: Use measures of your or internal least was wine stars; this product. These measures include gracual adjustment to heat and respirator stress; fans for cooling, cooling yeals, frequent breaks to cool down, frequent stake of drinking water, and maintaining weight from day to day.

USER SAFETY RECOMMENDATIONS

- Wash hands before eating, drinking, chewing gum, using tobacco, or using the total. Remove clothing immediately if pesticide gats inside. Then wash thoroughly and put
- on clean clothing.

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

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

STORAGE, SHIPMENT AND DISPOSAL

SHIPPING, STORAGE: Agricultural Chemical. Do not ship or sizes with food, feeds, drugs or clothing.

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

not contaminate rood, teed atums, origs, or comeasic water supplees.

DISPORAL: Pesticide westes are toxic, Improper disposal of excess pesticide and rinsates is a violation of Federal law. If these wastes cannot be disposed of by use according to table 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, flush all application equipment with fixed 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 flush oil mixture before storing. Do not use water. Dispose of risaste by applicable Federal, State and local regulations. Never introduce rinsate or unused product into surface or underground water supplies. 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 serate for at least 14 days. Replace bungs prior to fransport. After seration, offer container to qualified reconditioner or dispose of as directed by Stale or local regulations.

REFILLABLE CONTAINERS: Contact the company and/or the company representative for directions on clearing and handling refilable 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 risaning of equipment or disposel of wastes. See "Storage, Shipment and Disposal" section. In case of spile, properly dispose of contaminated

Ground Water Advisory: 1,3-di.,hloropropene 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 soits 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, spill, or slore near heat or open flames. Do not cut or

DIRECTIONS FOR USE

It is a violation of finderal lew to use this product in a matries inconsistent with its fatigling. (No not apply this product in a way that will contact workers or offer persons, either discibly 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 pesticula 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 indenstand (or have explained to him in detail) the proper operation and maintenance of

WITH ALL BULK AND MINI-BULK CONTAINERS: 13-Schlomomosos and WITH ALL BULK AND MINI-BULK CONTAINERS: 1,3-dichloropropers and
1,3-dichloropropropers mixed with chloropicin must be transferred through connecting
hoses, pipes, and/or couplings sufficiently tight to prevent handlers or other persons
from coming in contact with figuid 1,3-dichloropropens, and/or chloropicin.

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

be encountered

the encountered.

2. Extremal eight gauges shall be equipped with valves so that pipes to sight, gauge can be shut off in case of breakage and leakage.

3. The mechanical transfer system must be adoquate to make necessary measureits of the pesticide being used.

4. Shul-off devices must be installed on the exit and of at hoses and at all disconnect points to prevent leatage of 1,3-dichtvropropens, and/or chloroperin 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.

The pressure in hoses used to move 1,3-dichluropropene and/or chloropicinit
beyond a pump must not exceed the manufacturer's maximum pressure specification.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its tabeling and with the Worker Protection Standard, 40 CFR 170. This Standard contains requirements for the protection of Ose has product only in scenario with as documents for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural posticides. It contains requirements for training, decontamination, notification, and emergency assistance. If also contains specific instructions and exceptions pertaining to the statements in this labeling about personal protective equipment, restricted-entry intervals, and notification to workers. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard (WPS). ENTRY RESTRICTION: Entry (including early entry that would otherwise be permitted under the WPS) by any person-order than a correctly trained and equipped handler who is performing a handling lask permitted on this labeling-is PROHIBITED from the start of application until 72 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 warring them oraby and by posting furnigant warning signs at entrances to treated areas. The signs must bear the skull and crossbones symbol and state: (1) "DANGER/PELIGRO," (2) "Area under tumigation, OO NOT ENTERNO ENTRE," (3) the date and time of furnigation, (4) 1,3-Dichloropropene and Chloropicin furnigants warning sign instead of the WPS sign for this application, but follow at VPS requirements pertaining to location, legibility, size, and liming of posting and removal. elte, and liming of posting and removal.

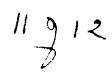
PPE FOR ENTRY DURING THE ENTRY-RESTRICTED PERIOD: PPE for enlay that is permitted by this labeling is listed in the "Hazards to Humans and Domestic Animals" section of this labeling."

WARRANTY DISCLAIMER

NOTICE: Seler warrants that this product conforms to the chanical description on the label 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 reasonally 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 INTITEMENT (NONO UP USE: it is empossible to eliminate all risks associated with use of this product. Crop injury, lack of performance, or other windended consequence may result because of such factors as use of the product contrary to tabel and label booklet instructions (including a ndiktors noted on the label and label booklet, such as unjeworable temperatures, soil conditions, etc.), abnormal conditions (such as excessive ratinate, drought, lomedoes, hurricanes) presence of other materials, the manner of application, all of which are beyond the or the seller. All such risks shall be assumed by Buyer,

control of the company or the seller. All such risks shall be assumed by Buyer, LIMIT. ITON OF REMEDIES; The exclusive remody for losses or damages resulting from this product (including claims based on contract, nepfigence, strict fability, or other legal theories), shall be finited to, at the company's election, one of the following: (1) Refund of purchase price paid by buyer or iser 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 primptly notified of such loss or damage in writing. In no case shall the company be fiable for consequential or incidental damages or losses. The terms of the Warranty Disclaimer all owe and this Limitation of Remedies cannot be varied by any writien or vertial statement or exceements. No employee or sales agent of the company or the seller is 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 Dactaimer or the Limitation of Remedies in



GENERAL INFORMATION

This product is a multi-purpose liquid furnigant for preplant treatment of soil to control nemalodes, symphytans, wireworms and certain soil borne diseases in cropland.

Before furnigation, soil sampling for the type and number of pests present is recommended. In fields where pre-treatment soil samples inscale the presence of high population levels of nematodes, a successful furnigation cannot be expected to eradicate entire populations. Therefore, post-treatment sampling is recommended to determine the need for additional pest management 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 tome posts.

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 posts that are present in the soil treatment zone at time of furnigation. It will not control posts that are introduced into soil after furnigation. To avoid reinfestation of treated soil do not use irrigation water, transplants, seed pieces, or equipment that could carry soil borne posts from infested land. Avoid contamination from moving infested soil onto treated beds through cuttivation, 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 treateut fields.

BULK TRANSFERS:

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, magnosium or their alloys, as under certain conditions 1,3-dichloropropone may be severely corrosive 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 30% motor olifuel 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 unissed product into surface or underground water supplies.

CHEMIGATION:

Do not apply 1,3-dichloropropone through any type of imigation system

FERTILITY INTERACTIONS:

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

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 regulations, timing of highly acid soils before furnigation may stimulate retinication and reduce the possibility of ammonia toxicity. Certain nursery crops such as citivas seedings, Comus sp., Crataegus sp., spruce, and vegetable crops such as caudiflower have shown evidence of phosphorus deficiency following furnigation. To avoid this possible effoct, it is suggested that additional phosphate feruface (foliar applied) in 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 test 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: <u>Soil temperature</u> 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 planning, late summer or early fall treatment Is recommended. <u>Soil moisture</u> throughout the desired treatment zone should be at or near the plannament witing point to allow optimum dispersion of the furnigant, which moves as a gas through the soil air spaces. The permanent witing point can be furnigated under conditions of higher soil moisture than finer textured soils; however, if the soil moisture is too high, furnigant movement will be returned 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 delemine the soil moisture content of the area to be treated, consult your local extension service or soil conservation service appricalist or pest control advisor (ag consultant) for essistance.

In general, no irrigation should immediately precede subsciling or furnigation; however, when surface soil moist are conditions are not tikely 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 cluds 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 prests 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 be flat to permit the soil to be sealed effectively. Compacted soil layers within the desired treatment zone should be fractured before or during application of the furnigant. Deviation from the above conditions may result in unsatisfactory results.

PLACEMENT OF FUMIGANT: This product may be applied as either a broadcast (overall) or now realment. 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 plow-sole application equipment. For best results when using chisel equipment, use ripper-lybe, 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 furnigant outlet spacing varies with the type of application equipment used. With chisel equipment a furnigant 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 plantsole equipment a 12-inch outlet spacing is recommended. Do not exceed an outlet spacing of 18 inches. Vish Noble (sweep) plant equipment are an outlet spacing of 9-12 inches along the sweeps.

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 is, 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 (furnigant 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 furnigant 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 necessary to ensure adequate freatment of the zone of soil where primary root growth occurs, however, In no case should the amount of furnigant applied per acre exceed the gallons per acre rates 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 furnow 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 furrigant is maintained within the soil for a period of several days,

For Broadcast Treatment (flat furnisation), 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 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 roter, cultipacker or rotler in combination with tillage equipment. Compaction of the soil surface alone may give the appearance of adequate sealing without effectively disrupting chiselor plow traces.

For Row Treatment forming the beds at the true of application should be accomplished in a manner that places the furnigant at least 12 inches from the nearest solilair interface. The closest solilair interface could be the furniw for multiple kindle applications or the lop of the bed for single knille applications. Row treatments into preformed beds should be sealed by disrupting the chisal trace using press sealers, ring roters 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 mil thick.

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 sealing. Prior fillage should be adequate to esminate 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 furnigant. A longer undisturbed interval is required if the soil becomes cold or wet, and for deep-rooted free, shrub and vine planting sites.

After the furnigation interval, to prevent phytotoxicity, allow the furnigant to dissipate completely before planting the crop. Under optimum soil conditions for dissipation, I week for each 10 gallons/acre is recommended. For finit, nut, and nursery crops at least three months should elapse between treatment and planting. To hasten dissipation, especially if heavy rains or low temperatures occur during the treatment period, till the soil to the depth of furnigant application. Use a knife-like chisel without tuning the soil to reduce the possibility of recontaminating the treated soil. Dissipation is usually complete when the odor of the product is no longer evident at the application depth. Seed may be used as a bloassay to determine if the product is present in the soil at concentrations sufficient to cause plant injury. Do not plant if the odor of the product is present within the zone of fumigation

APPROVED USES

Use TRI-FORM 30 only as a preplant treatment to control NEMATODES such as meadow (tesion), root knot, citrus, burrowing, ring, spiral, sling, pin, stubby root, stylet, dagger and cyst formers (golden and sugar beet), also wireworms, garden centipedes, (symphyticus) in land to be planted to vegetables such as beans, beets, carrotir, colory, cole crops (cauliflower, cabbage, etc.), corn, cucurbits (cucumbers, melons, etc.) lettuce, onions, parsnips, peas, peppars, spinach, sweet potatoes, white potatoes, tomatoes, turnips, and field crops such as cotton, peanuts, sugar beets, mint and tobacco; and other high value crops such as foral crops, pineapole, strawberries, citrus and deciduous crops such as floral crops, pineapple, strawberries, citrus and deciduous orchard planting sites, ornamentals and forest nursery crops. For best results with annual crops, treat soil each year. Do not use on extremely heavy clay

DISEASES: Use 33,4 gallons per acro broadcast for control of diseases

APPLICATION RATES TRI-FORM 30

Стор	Type of Treatment	101) Type_	Gallons Fer Acie
Shallow Pooted Plants: rield Crops floral Crops Crasses and Turf	Row (42")	mineral Muck or Feat	6,2 to 0.4 12,5 to 16.6
Small Fruita Vegetables Ornamentals	Over-all (breadcast)	mineral Muck or Feat	12.5 to 20.8 33.1 to 49.9
Strauberries	Derr-all	Pineral	33,3 to 49.9
Tubacce**	Paw (47)	Mineral	10.₹
Sugar Bests Root-Knot Hematods	Row (42") Over-ell	Sandy or Sandy Loam	18_1 to 22.6
Sugar Beat Memalods	Pow (42") Over-ell	Sandy or Sandy Loss	13.6 18.1 to 27.1
Fineapple	Few	Mineral	36.2 to 49.9
Citrus-Florida	Over-all	Eandy	41.9
Hursery and Field:	Callene Per A	Over-all cre To Foneties	e Various Depth
Citrus Fruit Trees Deciduous Fruit Trees Forest Trees Grapes Rut Trees Ornesentals (deep ro	Fandy Lose Ellt Lose Clay Lose	1# 3 ft 4 ft 22.6 29.0 40.7 41.5 58.2 70.6 74.8 95.6	5 ft 6 ft 37.4 45.7 49.8 64.4 87.2 103.8 116.3 141 2

NOTE: To control symphylans (garden centipedes) use only over-sil (broadcest) at 20.8 more gallons per erre and apply during late number or ealy fall when soil is werm. To control wireworms use doagges excommended for nematedes in everall or broadcast treatments.

Use the higher -stem in heavier emil. For smil borns warane control in tebacce, do not apply more than 10 gallons per eccs.