

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.

NEMATOCIDE SOLUTION 12.1

(Contains 12.1 lbs. Technical 1,2-Dibromo-3-Chloropropane (DBCP) Per Gallon)

ACTIVE INGREDIENTS:

1,2-Dibromo-3-Chloropropane 82.4%

Other halogenated C Compounds 2.6%

INERT INGREDIENTS 15.0%

100.0%

KEEP OUT OF REACH OF CHILDREN

WARNING

IF SWALLOWED: Immediately get medical attention.

IF INHALED: Immediately get medical attention.

IF ON SKIN: Immediately remove contaminated clothing and flush affected areas with plenty of water.

IF IN EYES: Immediately flush eyes with plenty of water and see a physician.

SEE SIDE PANEL FOR ADDITIONAL
PRECAUTIONARY STATEMENTS

AMVAC CHEMICAL CORPORATION

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Los Angeles, California 90023

EPA REG. NO. 5481-88

EPA EST. NO. 5481-CA-1

NET CONTENTS: _____

STORAGE AND DISPOSAL

DO NOT CONTAMINATE WATER, FOOD, OR FEED BY STORAGE OR DISPOSAL. OPEN DUMPING IS PROHIBITED.

PESTICIDE DISPOSAL: Pesticide spray mixture or residue that cannot be used shall be disposed of in the following manner. The pesticide liquid shall be stabilized (taken out of liquid phase) by mixing with an appropriate sorbent such as clay. The pesticide sludge mixture shall be stored in a container and disposed in a landfill approved for pesticides or buried in a safe place away from underground or surface water supplies.

CONTAINER DISPOSAL: Empty container and dispose of in a landfill approved for pesticides or buried in a safe place away from underground or surface water supplies.

GENERAL INFORMATION

Nematocide Solution 12.1 is formulated to be used only on mineral soils to control root knot, root lesion, freeliving (reniform, spiral, lance), and other plant parasitic nematodes.

Lower recommended dosages should be used in light sandy soil and higher recommended dosages on heavier mineral soils or where deeper penetration is desired. Apply Nematocide Solution 12.1 when soil temperatures at a depth of 10" are between 45° and 85° F. Soil should be in good tilth and contain enough moisture for good seed germination. Use adequate soil injection equipment to give uniform distribution. **DO NOT TREAT EXTREMELY WET OR VERY DRY SOILS. TRASH IN THE SOIL SHOULD BE WELL DECOMPOSED BEFORE APPLICATION.**

Treatment 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 nematocide are applied to cold, wet, acid or high in organic matter soils. To avoid root injury of ammonia sensitive plants plan your fertilization program based on nitrogen levels in the soil after treatment with Nematocide. It is suggested that on ammonia sensitive plants, fertilizers containing ammonium salts not be used until after the crop is well established and the soil temperature is above 65° F. Liming highly acid soils before the use of Nematocide may reduce the possibility of ammonia or salt toxicity.

APPLICATION IN DRIP IRRIGATION SYSTEMS: NEMATOCIDE SOLUTION 12.1 MAY BE APPLIED BY ADDING TO IRRIGATION WATER DURING DRIP IRRIGATION. Meter into a turbulent part of irrigation water. If necessary, a turbulence should be created to insure complete mixing with water.

MIXING DIRECTIONS: Nematocide Solution 12.1 may be used as is or can be further diluted with a solvent such as mineral spirits. **NOTE: THIS IS NOT AN EMULSIFIABLE CONCENTRATE. DO NOT ATTEMPT TO DILUTE WITH WATER FOR CHISEL APPLICATION.**

NEMATOCIDE MAY BE USED ONLY FOR RECOMMENDED PURPOSES AND A RECOMMENDED RATES. DO NOT OVERDOSE. NOT RECOMMENDED ON EXTREMELY HEAVY SOILS OR MUCK SOILS.

CROP USES

Pineapples (In the United States—Restricted to Hawaii): For control of plant parasitic nematodes. For detailed instructions, including recommended application rates, refer to Amvac Chemical Corporation's Nematocide Crop Guide for Pineapples. The Crop Guide is part of this label and all applicable directions, restrictions and precautions in the Guide shall be followed.

Do not make application less than 270 days prior to harvest. Do not make applications directly adjacent to fields that will be harvested within four weeks.

NOTE: Amvac's Nematocide Crop Guide shall be on-site at the time of application.

NOTICE: This product conforms to its chemical description and is reasonably fit for the purpose stated on the label when used in accordance with directions under normal conditions of use. Manufacturer is not responsible for the use of this product contrary to the label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to seller, and buyer assumes the risk of any such use.

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PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS
(& DOMESTIC ANIMALS)

DO NOT TAKE INTERNALLY
DO NOT GET IN EYES
DO NOT GET ON SKIN
DO NOT BREATHE VAPORS

WARNING!

HARMFUL LIQUID AND VAPOR MAY BE FATAL OR INJURIOUS IF SWALLOWED, INHALED OR ABSORBED THROUGH SKIN. CAUSES SKIN IRRITATION AND BLISTERS. VAPOR CAUSES IRRITATION OF EYES, NOSE AND THROAT. EXPOSURE MAY LEAD TO CANCER, REDUCED SPERM COUNT OR OTHER CHRONIC EFFECTS.

USE PRECAUTIONS: When required by Amvac's Nematocide Crop Guide, wear a full face air purifying respirator or positive pressure supplied air respirator jointly approved by the Mine Safety and Health Administration and National Institute for Occupational Safety and Health for organic vapors or fumigants. Replace canisters or cartridges after each day of use or at sign of breakthrough, whichever occurs first. Also wear adequate full-body protective clothing. This clothing includes gloves, boots or foot covers, and coat and pants, all made of Nematocide (DBCP) resistant (and preferably heavy-duty) material. (Refer to Crop Guide.) If protective clothing or shoes become contaminated, remove promptly. Do not wear again until completely free of material or else dispose of by burying in soil. Wash thoroughly with soap and water after handling and before eating or smoking. Combustible mixture—do not use, pour, spill or store near heat or open flame.

IN CASE OF ACCIDENT: Flush eyes with water for at least 15 minutes and get medical attention. If illness results from inhalation, move to fresh air and call a doctor. If swallowed, call a doctor and induce vomiting.

SPECIAL EQUIPMENT

Transferring and Mixing: All transferring and mixing of Nematocide shall be by means of a closed system and by persons wearing a full face respirator and full-body protective clothing. A closed system for transferring or mixing is defined as appropriate bung, probe, connections, valves, meters, pump and plumbing designed and maintained to minimize airborne exposure and human contact to Nematocide. Actual exposure within the full face respirator worn by worker(s) shall not exceed 1 ppb of DBCP for an eight hour time weighted average. Compliance with this requirement shall be demonstrated by sampling at least two times during each fumigation season. These samples shall be taken at least two weeks apart.

Application: Soil injection of Nematocide in pineapple fields shall be through a closed system, including metered pumps, check valves on the injection shanks, and silver soldering of all joints which are not essential to dismantle. Concentration of DBCP within worker(s) breathing zone shall not exceed 1 ppb for an 8 hour time weighted average.

ENVIRONMENTAL HAZARDS

WILDLIFE PRECAUTIONS: This product is toxic to wildlife. Birds and other wildlife in treated areas may be killed.

GROUNDWATER PRECAUTIONS: There is a potential for leaching through soil to groundwater. Do not store, mix or clean equipment or containers adjacent to streams, ponds, lakes, canals or wells. In irrigation applications apply only into water where back-siphoning cannot occur. Do not apply where runoff to water sources can occur. Do not contaminate any body of water by cleaning of equipment or disposal of wastes.

CROP RESIDUE PRECAUTIONS: Any pineapple foliage, or feed or forage crop grown on soil which has been treated with Nematocide should not be used as feed for livestock until two years after treatment.

NOTE: Pineapple bran (fresh or dried) is not a forage crop within the meaning of "Crop Residue Precautions" and may be fed to livestock.

DIRECTIONS FOR USE

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

READ ENTIRE LABEL. USE NEMATOCIDE ONLY IN ACCORDANCE WITH THE REQUIREMENTS OF THE LABEL AND CROP GUIDE AND WITH APPLICABLE STATE AND FEDERAL REGULATIONS.

Reentry Prohibition: Follow reentry prohibitions as outlined in the Amvac Chemical Nematocide Crop Guide.