



WARNING

KEEP AWAY FROM FEEDING STOCK PRODUCTS

POISON

CAUTION — DO NOT DROP

NEVER DON'T

GENERAL PRECAUTIONS

USE PRECAUTIONS ...
This product is highly toxic to humans and animals. It is also highly toxic to fish and aquatic life. It is also highly toxic to birds and mammals. It is also highly toxic to bees and other beneficial insects. It is also highly toxic to earthworms and other soil organisms. It is also highly toxic to plants and crops. It is also highly toxic to the environment. It is also highly toxic to the ozone layer. It is also highly toxic to the atmosphere. It is also highly toxic to the water cycle. It is also highly toxic to the soil cycle. It is also highly toxic to the food cycle. It is also highly toxic to the energy cycle. It is also highly toxic to the nutrient cycle. It is also highly toxic to the carbon cycle. It is also highly toxic to the nitrogen cycle. It is also highly toxic to the phosphorus cycle. It is also highly toxic to the sulfur cycle. It is also highly toxic to the oxygen cycle. It is also highly toxic to the hydrogen cycle. It is also highly toxic to the helium cycle. It is also highly toxic to the lithium cycle. It is also highly toxic to the beryllium cycle. It is also highly toxic to the boron cycle. It is also highly toxic to the carbon cycle. It is also highly toxic to the nitrogen cycle. It is also highly toxic to the phosphorus cycle. It is also highly toxic to the sulfur cycle. It is also highly toxic to the oxygen cycle. It is also highly toxic to the hydrogen cycle. It is also highly toxic to the helium cycle. It is also highly toxic to the lithium cycle. It is also highly toxic to the beryllium cycle. It is also highly toxic to the boron cycle.

HANDLING PRECAUTIONS ...
POISONOUS VAPOR ...
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TERR-O-CIDE 30

A broad spectrum soil fumigant that controls nematodes, wireworms, white grubs and reduces the symptoms of soil-borne diseases.

ACTIVE INGREDIENTS	
Ethioniazole	30
Chlorobenzene	30
INERT INGREDIENTS	34
Total	100

DANGER

KEEP OUT OF REACH OF CHILDREN
POISON

MAY BE FATAL IF INHALED, SWALLOWED OR CONTACTED WITH SKIN. CALL PHYSICIAN IN CASE OF EXPOSURE.

EPA REG.

NET CONTENTS _____

LOT NO. _____



Some people may be allergic to this product. If you experience any allergic reactions, stop using this product immediately and consult your physician. This product is highly toxic to humans and animals. It is also highly toxic to fish and aquatic life. It is also highly toxic to birds and mammals. It is also highly toxic to bees and other beneficial insects. It is also highly toxic to earthworms and other soil organisms. It is also highly toxic to plants and crops. It is also highly toxic to the environment. It is also highly toxic to the ozone layer. It is also highly toxic to the atmosphere. It is also highly toxic to the water cycle. It is also highly toxic to the soil cycle. It is also highly toxic to the food cycle. It is also highly toxic to the energy cycle. It is also highly toxic to the nutrient cycle. It is also highly toxic to the carbon cycle. It is also highly toxic to the nitrogen cycle. It is also highly toxic to the phosphorus cycle. It is also highly toxic to the sulfur cycle. It is also highly toxic to the oxygen cycle. It is also highly toxic to the hydrogen cycle. It is also highly toxic to the helium cycle. It is also highly toxic to the lithium cycle. It is also highly toxic to the beryllium cycle. It is also highly toxic to the boron cycle.

WEST LAKES, N.J.

GENERAL DIRECTIONS

USE TERR O CIDE 30 as a fumigation treatment prior to planting those crops which may suffer from the damaging effects of certain soil borne pests such as NEMATODES: Root knot, stunt, root lesion, burrowing, citrus, stem, bulb, tree ring, sting ring, vase, spiral, lance, ring, stubby root, stylet, dagger), INSECTS: Wireworms, symphylid, garden centipedes, whitegrubs. DISEASES: Verticillium wilt, trunk shank and Granville wilt.

Asparagus	Cotton	Ornamentals	Potatoes
Broccoli	Cucumbers	Okra	Strawberries
Lima Beans	Eggplant	Peanuts	Tobacco
Carrots	Lettuce	Peppers	Tomatoes
Cauliflower	Melons	Pineapple	
Corn (sweet & forage)		Fruit tree planting sites	

WHEN TO TREAT: Fumigate with TERR O CIDE 30 any season of the year when optimum soil preparation can be accomplished and preferably when the 6 inch soil temperature is between 45 and 75° F. Late summer or early fall is recommended for symphylid control.

SOIL PREPARATION: Remove or cover all plant residue with fertile, moist soil far enough in advance of fumigation to allow for maximum decomposition. Excessive trash can reduce effective fumigation by absorbing fumigant or preventing effective soil sealing. Deep tillage (12-18 inches) by plowing or subsiding prior to fumigation improves total pest control. Do not till the soil below the plow pan following fumigation and prior to planting. Till soil to a very fine condition leaving few, if any clods. Optimum seedbed moisture, including the surface, is the most essential factor for effective fumigation. Do not fumigate dry soil. Seedbed moisture for at least 10 days prior to fumigation improves soil borne pest control.

HOW TO TREAT: OVERALL (broadcast) chisel inject an equipment should place uniform streams of TERR O CIDE 30 12 inches apart 6-8 inches below the soil surface. Seal by pulling a float and ring or smooth surface roller. Ploz sole equipment should place uniform streams on the ploz sole immediately covered by soil. Seal plozed soil immediately by leveling and pulling a ring or smooth surface roller. 1/2 acre inch of water added by sprinkler or rain will improve soil surface sealing. Laying of plastic tarp sealed at the edges, on overall treated area will improve control.

ROW Adjust the space between rows in chisels to the same spacing as the planter rows. Apply 6-8 inches below the soil surface seal by listing 8-10 inch high peaked beds over the shank marks. Rolling of the listed beds is only required for higher temperature (65° F.) soils. After the fumigation period, remove or plant through listed beds. Effectively seal the treated strip. For total soil coverage use 6-8 gallons per acre on 12 inch center.

BED or SWATH Set tillage marks 12 inches apart with the row width center line in line with the following and set a list roller seal by fast turn square level and rolling the swath area.

ORCHARDS NURSERY AND SIMILAR WIDE ROW PERENNIALS 12 inch and wider mature crop (age 10) strip rows, be treated with overall broadcast method by wider chisel (spacing 13-30 inches) and deeper inject (12-14 inches) and marking the treated center for planting before and after fumigation.

FLIPPING In cool soils (below 65° F.) after at least 3 days fumigation period, while the odor is still present, shallow (6-8 inch) flip soil immediately followed by leveling and list rolling, be sealed after covering of the soil. This method improves top soil fumigation. A second plowing prior to planting

FUMIGATION PERIOD: 3 to 7 days of airtight seal is usually necessary for maximum diffusion of TERR O CIDE 30. The longer period is necessary for colder and wetter soil. Even longer periods are needed for heavy fumigation and leaving the soil undisturbed until spring.

WHEN TO PLANT Planting is generally considered safe when the odor of TERR O CIDE 30 is no longer detectable in the soil surface. This usually requires about one week for every 12 gallons of TERR O CIDE 30 applied. To remove the odor (aeration), remove the plastic tarp, break the soil surface by intermittent and vigorous and deep cultivation. Deep listed trees and shrubs may take 3-6 months of aeration. Dig tree hole to speed aeration.

Consult State Agricultural Extension Service authorities for information concerning local problems and conditions.

DOSAGE AND USE RECOMMENDATIONS

Use as preplant only except as indicated.
Do not exceed maximum dosage per acre in a single year.

Crop or Areas	Type of Application	Remarks	Gallons per Acre	CC 100 Linear Ft. Chisel	
				low rate	high rate
ROW OR FIELD CROPS A. asparagus, beans, lima, broccoli, melons, carrots, cauliflower, corn, sweet and forage, cucumbers, eggplant, lettuce, okra, peppers, tomatoes, strawberries, other	Overall	General	15-26	130	226
Planting site and water	Overall	Where needed	14-16	122	130
Planting site	Overall	Where needed	6-8	52	243
Planting site	Overall	Where needed	15-26	130	226
Planting site (equipped)	Overall	Where needed	4		
Planting site	Row	Where needed	1-40	96	171
Planting site	Row	Where needed	1-4	100	234

For row crops in western irrigated districts use 10 gallons per acre on 12 inch chisel. Wireworms are not controlled by this treatment.

Always use 15-20 gal./A for year round control.

Use higher rates for heavier soils or higher pest infestation.

Allow 1-2 weeks to elapse between time of application and planting.

For a detailed paragraph on preplant soil preparation, including the use of plastic mulch and other practices, the overall broadcast method of preplanting may be as stated in 2-11.

ALL FOLIAGE AND FRUIT OF TREES AND SHRUBS A thorough preplanting soil treatment is not required for the control of nematodes and other soil borne pests in the soil. However, if the soil is treated with TERR O CIDE 30, the plant material should be treated with a fungicide to control rot and other diseases. For the control of such diseases, the plant material should be treated with a fungicide before planting. Any forage crop produced on treated soil should not be used as a feed for dairy animals or for producing a first crop of hay for at least 2 years after all treatments are made and 3 years following overall treatment.

For a detailed paragraph on preplanting soil preparation, see 2-11.

NOTE The U.S. Food and Drug Administration has established maximum amounts of pesticide residues in certain agricultural products. The average forage crop produced on the treated soil and animal products obtained from such crops should not be used as a feed for dairy animals or for producing a first crop of hay for at least 2 years after all treatments are made and 3 years following overall treatment.