

ANT. 11-12 (1998) Feature: Credit to and Debit to. Sale debt to
JMA 11-12 (1998) Statement: Debit to

[illegible]

NEMACUR (1,3-dichloro-2-isopropyl-4-nitrobenzene) was first actively applied to the control of nematodes affecting the following crops: NEMACUR NIS (nematode systemic) and NEMACUR A (application at planting time) has provided good control of the following nematode damage:

NEMACUR 120 Granular has shown excellent activity against the major genera of nematodes attacking turf grasses. When used according to directions, NEMACUR 120 Granular may control nematodes up to 6 months or longer.

NEMACUR 19-C Granular kills nematodes by contact action. Treated soil should be irrigated immediately after application in order to move the toxicant into the root zone.

MAJOR 10- Granular controls nematodes in ornamental turf composed of Bermuda and centipede grasses, bluegrasses, and bentgrasses. When applied uniformly according to directions, it will not harm established turf grasses listed. Do not apply to newly seeded areas until the plants have developed good root systems.

Consult your local Agricultural Experiment Station or Extension authorities for information regarding proper timing of applications to turf.

		DOSE NEMACUR 10% GRANULAR		
CROP	BAND OZS / 1000 Ft of Row	BROADCAST LBS / ACRE	REMARKS	
<u>FIELD CROPS</u>			<u>FOR BAND OR BROADCAST APPLICATION</u>	
CITRUS	10-14 oz per 1000 ft row Apply in furrows between rows at 10-12 inch band width.	USE ONLY BAND APPLICATION	BAND: Apply specified dosage in 12 inch bands between rows from the planter shoe at 12 to 13 inch band for fruit crops or 8 to 12 to 15 inch band for vegetables incorporate the granules into the soil to a depth of 2 to 6 inches Use the high rate in fields with heavy stands of nematodes or in fields having a history of serious nematode damage WHEN BAND APPLICATIONS ARE USED IN BETWEEN ROW CROPS DO NOT USE BAND WIDTHS THAT WILL OVER TREAT AREA TO BE PLANTED	
POTATOES	10-14 oz per 1000 ft row Apply in furrows between rows at 10-12 inch band width.	40 lbs per acre	BROADCAST: Apply in the planter furrows and the area immediately behind the planter and immediately incorporate to a depth of 2 to 6 inches by disking or tilling Plant crop in the same manner Use the high rate in fields with high populations of nematodes or in fields having a history of serious nematode damage	
VEGETABLES	10-14 oz per 1000 ft row Apply in furrows between rows at 10-12 inch band width.	40 lbs per acre	NOTE: For root crops plant in 12 inch applications 12 inch banding gives better results than broadcast application because it prevents seedling emergence in untreated areas	
PEANUTS	10-14 oz per 1000 ft row Apply in furrows between rows at 10-12 inch band width.	40 lbs per acre		



ACCEPTED

JUN 1968

U.S. DEPT. OF COMMERCE
BUREAU OF ECONOMIC ANALYSIS
REGISTRATION DIVISION
EPA REG. NO.

NEMATOCIDE

FOR COMMERCIAL OR PROFESSIONAL USE

FOR EFFECTIVE CONTROL OF NEMATODES IN CERTAIN FIELD AND VEGETABLE CROPS AND TURF GRASSES

Ethyl 3-methyl-4-(methylthio)phenyl
(1-methylethyl)phosphoramidate* 10%

INERT INGREDIENT: 90%

*U.S. Patent No. 2,978,479
Canadian Patent No. 679,735

1. The following is a list of the names of the persons who have been identified as having been in contact with the subject of this investigation, [redacted], during the period from [redacted] to [redacted]:

EPA Reg. No. 3125-237

NET WEIGHT POUNDS

See also: [Bibliography](#) | [References](#) | [Citations](#)

STOP READ THE LABEL BEFORE USE

Chemagro

Agricultural Division
Molay Chemical Corporation
Box 4915, Kansas City, Missouri 64120

FOR USE ONLY ON GOLF COURSES, CEMETARIES, SOD FARMS, IN
PARKWAYS AND ROADWAYS.

CROP	PEST	CO. AGE	REMARKS
ORNAMENTALS			
Turf Grasses			
Bermuda			
Centipede			
Bromegrass			
Bermudagrass			

For each plant treated with one of the two herbicides, 10 plants were sampled at 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, and 12 months after treatment. The 12-month period must be played out.

Do not use on other crops. Use only according to label.
Do not allow livestock or poultry to feed on parts of g.

This product is toxic to fish and wildlife. Keep out of ponds. Birds feeding on treated areas may be killed.

Do not apply this product with a knapsack or similar placed on the user's body.

DO NOT REUSE THE CONTAINER - Completely empty
bury the unused chemical at least 18 inches deep in a
away from water supplies.

Burn the empty container completely. Exercise extreme caution. Keep the container well away from the smoke. Do not use containers in a feed, food, or drinking water.

Poisonous if swallowed, inhaled or absorbed through skin. Do not get in eyes, on skin or in dust. Wear protective clothing and cotton or natural rubber gloves if used, they must be laundered or discarded after use. Do not wear the same gloves for other work. Rubbe washed with soap and water after use.

Do not contaminate feed or food. Keep all unprotected operating area or vicinity. Wash hands, arms, and face in clean and warm water before eating or smoking. Wash all tools with soap and hot water before re-use. Keep out of the way. Not for use or storage in or around the home.

SYMPTOMS OF POISONING: A sense of "tightness" in the chest. Contracted pupils. Stomach pains. Vomiting and

TREATMENT: In case of poisoning call a physician. patient lie down and keep quiet. If swallowed, induce a tablespoonful of salt in a glass of warm water. Administer freely and again induce vomiting until vomit fluid is clear. contaminated clothing and wash skin immediately with water. If eyes are contaminated wash with flowing water 15 minutes.

TO PHYSICIAN:

ANTIDOTE: Administer atropine sulfate or atropine as necessary to the point of tolerance (2 mg) and may be administered in conjunction with atropine. Compound inhibits cholinesterase resulting in stimuli to the parasympathetic nervous system, the vagus nerves. Do not give atropine that is at which may develop in a person who is taking it. At first sign of palpitations, stop the drug, give oxygen, rest, and treat symptomatically.

Use either Parent or Child form of Sale but in
Grandfather Nominations

THE DEFECTIVE IN THE LABEL WERE DETECTED
EARLY IN THE PRODUCTION AND CORRECTED. THE DEFECT
IN THE LABEL HAS BEEN DETECTED FOR A
CONSIDERABLE PERIOD OF TIME. THE DEFECTIVE
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PRODUCTS WERE. FAILURE TO FOLLOW THESE
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5. Planting - A permanent transplant of the plant
described in the following entry, NEMATOIDS, is
noted when an application of planting time has
not been free from nematode damage.

Granular has shown excellent activity against the
materials attacking turf grasses. When used accord
JEMACUR 10% Granular may control nematodes up
hoer

granular kills nematodes by contact action. Treated plants immediately after application in order to move the root zone.

larval controls nematodes in ornamental turf, com-
and centipede grasses, bluegrasses, and centgrasses.
firmly according to directions it will not harm estab-
lished. Do not apply to newly seeded areas until
developed good root systems.

Agricultural Experiment Station or Extension author-
ity regarding proper timing of applications to turf.

NEMACUR 10% GRANULAR		
DZS / of Row	BROADCAST LBS. / ACRE	REMARKS
		<u>FOR BAND OR BROADCAST</u> <u>APPLICATION</u>
DUNCES 7 to 8 or 10 to 15 pounds per 40' row (S)	USE A NEW BAND APPLICATION IN A FIELD WITH A HISTORY OF SERIOUS NEMATODE DAMAGE	BAND: Apply specified dosage 2 to 4 feet from the row in the middle of the center space as a 12 to 18 inch band for field crops or as a 12 to 18 inch band for vegetable crops. Make the granules into the soil to a depth of 2 to 6 inches into the high rate of 2 to 6 inches with high powered mechanical drills having a history of serious nematode damage. WHEN BAND APPLICATIONS ARE USED ON INTERROW ROW CROPS DO NOT USE BAND WIDTHS THAT WILL ALLOW TREATED AREAS TO OVERLAP.
DUNCES 7 to 8 or 10 to 15 pounds per 40' row (S)	USE A NEW BAND APPLICATION IN A FIELD WITH A HISTORY OF SERIOUS NEMATODE DAMAGE	BROADCAST: Distribute the gran- ules uniformly over the entire area to be treated and immediately incorporate to a depth of 2 to 6 inches by disk or plow. Plant crops in the usual manner. Use the high rate on fields with high populations of nematodes or on fields having a history of serious nematode damage.
DUNCES 7 to 8 or 10 to 15 pounds per 40' row (S)	USE A NEW BAND APPLICATION IN A FIELD WITH A HISTORY OF SERIOUS NEMATODE DAMAGE	NOTE: For interrow and band applications, do not treat a grass sod or a grass sod with a grass plant which is present in the soil and which would be damaged by the granules.



ACCEPTED
JUN 1 1968
U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
REGISTERED MAIL
EPA Reg. No. 8-224

NEMATOCIDE

FOR COMMERCIAL OR PROFESSIONAL USE

FOR EFFECTIVE CONTROL OF NEMATODES IN CERTAIN FIELD AND VEGETABLE CROPS AND TURF GRASSES

Ethyl 3-methyl-4-(methylthio)phenyl (1-methylethyl)phosphoramidate*	10%
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INERT INGREDIENT:	90%
	<u>100%</u>

*U.S. Patent No. 2,978,479
Canadian Patent No. 679,735

NEMACUR is a Reg. TM of the Parent Company
of Farbwerke Bayer AG, D-5090 Leverkusen

EPA Reg. No. 3125-237

NET WEIGHT POUNDS

see side panel for attitude
and danger statements

STOP - READ THE LABEL BEFORE USE

Chemagro

Agricultural Division
Moba, Chemical Corporation
Box 4913, Kansas City, Missouri 64120

FOR USE ONLY ON GOLF COURSES, FIELDS, AND OTHER OPEN AREAS

CROP	PEST	DATE	NAME OF	REMARKS
ORNAMENTALS		10/25/58		
Turf Grass				
Barberry				
Juniper				
Bluegrass				
Bentgrass				

[illegible]

Do not use on other crops. Use only according to label directions.
Do not allow livestock or poultry to feed on, or ingest, any spilled

This product is toxic to fish and wildlife. Keep out of lakes, streams, or ponds. Birds feeding on treated area may be killed.

Do not apply this product with a knapsack or similar equipment that is placed on the user's body.

DO NOT REUSE THE CONTAINER - Completely empty the contents and bury the unused chemical at least 18 inches deep in an isolated location away from water supplies.

Burn the empty container completely. Exercise extreme caution and stay well away from the smoke. Do not use container in any connection with feed, food, or drinking water.

Poisonous if swallowed, inhaled, or absorbed through the skin. Rapidly absorbed through the skin. Do not get in eyes, on skin, or in breathing dust. Wear protective clothing and cotton or natural rubber gloves. If cotton gloves are used, they must be laundered or discarded after each day's use. Do not wear the same gloves for other work. Rubber gloves should be washed with soap and water after use.

Do not contaminate feed or food. Keep all unprotected persons out of the operating area or vicinity. Wash hands, arms, and face thoroughly with soap and warm water before eating or smoking. Wash all contaminated clothing with soap and hot water before re-use. Keep out of the reach of children. Not for use or storage in or around the home.

SYMPTOMS OF POISONING: A sense of brightness in the face, sweating, contracted pupils, stomach pains, vomiting, and diarrhea.

TREATMENT: In case of poisoning call a physician immediately. Have patient lie down and keep quiet. If swallowed, induce vomiting by giving a tablespoonful of salt in a glass of warm water. Administer milk or water freely and again induce vomiting or to vomit thru a tube. If on skin, remove contaminated clothing and wash skin immediately with soap and warm water. If eyes are contaminated, wash with flowing water for at least 15 minutes.

TO PHYSICIAN:

ANTIDOTE: Administer atropine sulfate in large therapeutic doses. Repeat as necessary to the point of tolerance. 2-PAM is also useful and may be administered in conjunction with atropine.

Comp and inhibits cholinesterase, resulting in stimulation of the central nervous system, the parasympathetic nervous system, and the skeletal motor nerves. Do not give morphine. Watch for pulmonary edema which may develop in severe cases of poisoning even after 12 hours. At first sign of pulmonary edema, the patient should be placed on 100% oxygen tent and treated symptomatically.