

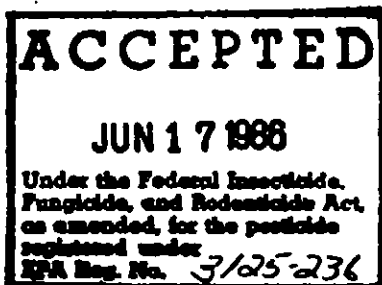
YL016

U.S. LABEL

Reason to Issue: To add claims for preplant application to pineapple (Hawaii only).

Date of Draft: 6/19/85 (Pre-Reg) (4)

EPA Reg. No. 3125-236



® NEMACUR

15% Granul.

Systemic Insecticide - Nematicide

ACTIVE INGREDIENT:

Ethyl-3-methyl-4-(methylthio)phenyl

(1-methylethyl) phosphoramidate ..... 15%

AMENDMENT TO PREVIOUSLY REGISTERED LABELING

Add the Following:

RECOMMENDED APPLICATIONS

CROP	PEST	DOSAGE OF NEMACUR 15G	REMARKS
Pineapple (Hawaii only)	Nematodes ( <u>Rotylenchulus</u> and <u>Meloidogyne</u> species)	133 pounds	<p>Apply specified dosage per acre as a preplant broadcast treatment. Incorporate thoroughly to a depth of 4 to 6 inches to insure uniform distribution.</p> <p>Do not use green foliage or green fodder (cannery waste, such as cull fruit, fruit skin or shells, crowns, cores and basal ends of fruit may be fed) for animal feed.</p> <p>NOTE: Postplant applications of NEMACUR 3 may be made to the plant crop at 1 to 3 month intervals in addition to a preplant broadcast application of NEMACUR 15% Granular. Refer to the NEMACUR 3 label for directions and dosage rates.</p> <p>Do not apply more than a total of 133 lbs. of NEMACUR 15% Granular + 6 2/3 gallons of NEMACUR 3 per acre per plant crop.</p>

BEST AVAILABLE COPY

YLD26

Base Pre-Reg. (5846)

U.S. LABEL

Reason to Issue: General revision of  
efficacy claims and label format.  
12/5/85 and 3/17/86 Drafts: revisions  
according to internal review comments.

Date of Draft: 3/17/86 (Pre-Reg) (H)  
Supersedes Pre-Reg Draft Dated: 12/5/85

EPA Reg. No. 3125-236-AA

® NEMACUR

15% Granular

SYSTEMIC INSECTICIDE - NEMATOCIDE

Only for agricultural use, or for sale to, use, and storage  
by commercial applicators, and other service persons

FOR EFFECTIVE CONTROL OF  
NEMATODES IN CERTAIN FIELD, FRUIT  
AND VEGETABLE CROPS

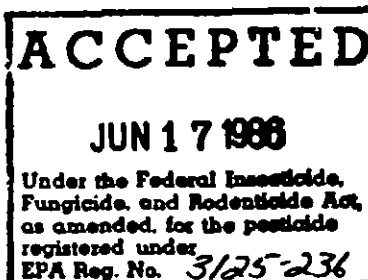
KEEP OUT OF REACH OF CHILDREN

ACTIVE INGREDIENT:  
Ethyl 3-methyl-4-(methylthio)phenyl  
(1-methylethyl)phosphoramidate ..... 15%

INERT INGREDIENTS: ..... 85%  
100%

DANGER  POISON

See rear panel for Statements of  
Practical Treatment and Other Precautionary  
Statements.



PELIGRO

EPA Reg. No. 3125-236-AA

PRECAUCION AL USUARIO: Si usted no puede  
leer o entender inglés, no use este producto  
hasta que la etiqueta le haya sido explicada  
ampliamente.

(TO THE USER: If you cannot read or understand  
English, do not use this product until the label  
has been fully explained to you.)

STOP - READ THE LABEL BEFORE USE

NET WEIGHT                      POUNDS

MOBAY CORPORATION  
AGRICULTURAL CHEMICALS DIVISION  
Box 4913, Kansas City, Mo. 64120

DIRECTIONS FOR USE

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

IMPORTANT: Read these entire Directions and Conditions of Sale before using NEMACUR 15% Granular systemic insecticide-nematicide.

CONDITIONS OF SALE: THE DIRECTIONS ON THIS LABEL WERE DETERMINED THROUGH RESEARCH TO BE THE DIRECTIONS FOR CORRECT USE OF THIS PRODUCT. THIS PRODUCT HAS BEEN TESTED FOR A RANGE OF WEATHER CONDITIONS SIMILAR TO THOSE WEATHER CONDITIONS THAT ARE ORDINARY AND CUSTOMARY IN THE GEOGRAPHIC AREA WHERE THE PRODUCT IS USED. INSUFFICIENT CONTROL OF PESTS AND/OR INJURY TO THE CROP TO WHICH THE PRODUCT IS APPLIED MAY RESULT FROM THE OCCURRENCE OF EXTRAORDINARY OR UNUSUAL WEATHER, OR FROM FAILURE TO FOLLOW LABEL DIRECTIONS. IN ADDITION, FAILURE TO FOLLOW LABEL DIRECTIONS MAY CAUSE INJURY TO OTHER CROPS, ANIMALS, MAN, OR THE ENVIRONMENT. MOBAY OFFERS, AND THE BUYER ACCEPTS AND USES, THIS PRODUCT SUBJECT TO THE CONDITIONS THAT EXTRAORDINARY OR UNUSUAL WEATHER, OR FAILURE TO FOLLOW LABEL DIRECTIONS ARE BEYOND THE CONTROL OF MOBAY AND ARE, THEREFORE, THE RESPONSIBILITY OF THE BUYER.

# NEMACUR 15Z Granular

## RECOMMENDED APPLICATIONS

Consult your State Agricultural Experiment Station or Extension Service Specialist or Mobay representative for guidance on the selection of specific dosage rates and timing of applications appropriate for your specific crop and pest. State regulations may contain additional restrictions or requirements. Check the Remarks and restrictions' sections of this label for additional directions.

CROP	PEST	DOSAGE NEMACUR 15ZG IN FURROW OR BAND OZS./1000 FT. OF ROW	REMARKS																											
<b>FIELD CROPS</b>																														
Cotton	Thrips (early season reduction)	6 to 8 oz. per 1000 ft. of row for any row spacing. (5 to 6.5 lbs per acre on 40 inch row).	In furrow/covering soil: Apply specified dosage per 1000 ft. of row in furrow or band in covering soil behind the seed drop and in front of covering devices.																											
	Nematodes Thrips	8 to 18 oz. per 1000 ft. of row for any row spacing. (6.5 to 14.7 lbs. per acre on 40 inch row spacing).	<p>In furrow/covering soil: Apply specified dosage per 1000 ft. of row in furrow or band in covering soil behind the seed drop and in front of covering devices.</p> <p>Band: Apply specified dosage per 1000 ft. of row in a 6 to 12 inch band over the row. Incorporate thoroughly to insure uniform distribution.</p> <p><u>Suggested use rates of NEMACUR 15Z G in oz./1000 feet of row based on nematode infestation levels:*</u></p> <table> <tr> <th>Bandwidth</th><th>Low</th><th>Moderate</th><th>High*</th></tr> <tr> <td>In furrow</td><td>8</td><td>10</td><td>12</td></tr> <tr> <td>In covering soil</td><td>8</td><td>10</td><td>12</td></tr> <tr> <td>6 inch band</td><td>8</td><td>10</td><td>12</td></tr> <tr> <td>8 inch band</td><td>10</td><td>12</td><td>14</td></tr> <tr> <td>10 inch band</td><td>11</td><td>13</td><td>16</td></tr> <tr> <td>12 inch band</td><td>12</td><td>14</td><td>16</td></tr> </table> <p>*Use the highest recommended rates in fields with a history of nematode problems.</p>	Bandwidth	Low	Moderate	High*	In furrow	8	10	12	In covering soil	8	10	12	6 inch band	8	10	12	8 inch band	10	12	14	10 inch band	11	13	16	12 inch band	12	14
Bandwidth	Low	Moderate	High*																											
In furrow	8	10	12																											
In covering soil	8	10	12																											
6 inch band	8	10	12																											
8 inch band	10	12	14																											
10 inch band	11	13	16																											
12 inch band	12	14	16																											

**IMPORTANT:** Do not overlap bands on narrow row crops. Do not feed or graze cotton foliage. Under very heavy thrip pressure additional control measures may be needed.

<sup>1</sup>The action of some planters during planting operation may provide adequate incorporation. When using planters which do not disturb enough soil for incorporation or under dry conditions, additional incorporation can be achieved with scratchers, puddlewheels, pickwheels, ground driven rototillers or similar equipment behind the planter.

**BEST AVAILABLE COPY**

# NEMACUR 15Z Granular

## RECOMMENDED APPLICATIONS (Cont'd)

CROP	PEST	DOSAGE NEMACUR 15Z G IN FURROW OR BAND OZS./1000 FT. OF ROW	REMARKS																												
<u>FIELD CROPS (Cont'd)</u>																															
Soybeans (Except Calif- ornia)	Nematodes	8 to 22 ozs. per 1000 ft. of row for any row spacing. (7.3 to 20 lbs. per acre on 36 inch row spacing)	<p><u>In furrow/covering soil:</u> Apply specified dosage in oz. per 1000 ft. of row in furrow or band in covering soil behind the seed drop in front of the covering devices.</p> <p><u>Band:</u> Apply specified dosage per 1000 ft. of row in a 6 to 12 inch band over the row. Incorporate thoroughly to a depth of 2 to 4 inches to insure uniform distribution.</p> <p><u>Suggested use rate of NEMACUR 15Z G in oz./1000 ft. of row based on nematode infestation levels:</u></p> <p style="text-align: center;"><u>Nematode Infestation Levels</u></p> <table> <tr> <th>Application</th><th>Low</th><th>Moderate</th><th>High*</th></tr> <tr> <td>In furrow</td><td>8</td><td>11</td><td>14</td></tr> <tr> <td>In covering soil</td><td>8</td><td>11</td><td>14</td></tr> <tr> <td>6 inch band</td><td>8</td><td>12</td><td>15</td></tr> <tr> <td>8 inch band</td><td>10</td><td>12</td><td>16</td></tr> <tr> <td>10 inch band</td><td>12</td><td>14</td><td>18</td></tr> <tr> <td>12 inch band</td><td>14</td><td>16</td><td>22</td></tr> </table> <p>*Includes fields with a history of nematode problems.</p> <p><u>NOTE:</u> Do not overlap bands on narrow row crops. Do not feed or graze soybean vines. When NEMACUR is applied to soybeans, crop injury from propanil drift may be intensified. Use NEMACUR only as a band application when metribuzin is used for control of weeds.</p>	Application	Low	Moderate	High*	In furrow	8	11	14	In covering soil	8	11	14	6 inch band	8	12	15	8 inch band	10	12	16	10 inch band	12	14	18	12 inch band	14	16	22
Application	Low	Moderate	High*																												
In furrow	8	11	14																												
In covering soil	8	11	14																												
6 inch band	8	12	15																												
8 inch band	10	12	16																												
10 inch band	12	14	18																												
12 inch band	14	16	22																												

<sup>1</sup>The action of some planters during planting operation may provide adequate incorporation. When using planters which do not disturb enough soil for incorporation or under dry conditions, additional incorporation can be achieved with scratchers, paddlewheels, pickwheels, ground driven rototillers or similar equipment behind the planter.

# NEMACUR 15% Granular

## RECOMMENDED APPLICATIONS (Cont'd)

CROP	PEST	DOSAGE NEMACUR 15% GRANULAR		REMARKS
		BAND: OZS./ 1000 Ft. of Row	BROADCAST: LBS./ACRE	
<u>FIELD CROPS</u>	(Cont'd)			<u>FOR BAND OR BROADCAST APPLI- CATION</u>
Soybeans (California only)	Nematodes	6.7 to 26.7 ozs. for any row spacing (or 6 to 24 lbs. per acre on 36 inch rows)	26.7 to 40 pounds	<u>BAND:</u> Apply specified dosage in ozs. per 1000 ft. of row as a 12 to 18 inch band. Incorporate the granules into the soil to a depth of 2 to 4 inches. ON NARROW ROW CROPS, DO NOT ALLOW BANDS TO OVERLAP.
Peanuts	Nematodes Thrips (early season reduction)	11 to 18.7 ozs. for any row spacing (or 10 to 17 pounds per acre on 36 inch rows)	20 to 33.5 pounds	<u>BROADCAST:</u> Distribute the granules uniformly over the entire area to be treated and immediately incorporate to a depth of 2 to 4 inches by disking or tilling.  <u>General:</u> Use the high rate in fields with high populations of nematodes or in fields having a history of serious nematode damage.  <u>NOTE:</u> When NEMACUR is applied to soybeans, crop injury from Propanil drift may be intensified. For both band and broadcast applica- tions do not feed or graze soybean vines, green peanut vines or peanut vine hay. Do not hog down treated peanut fields.

**NEMACUR 15% Granular**

**RECOMMENDED APPLICATIONS (Cont'd)**

CROP	PEST	DOSAGE OF NEMACUR 15% G LBS./ACRE		REMARKS
<b>FIELD CROPS (Cont'd)</b>				
Tobacco (Not for use on shade- grown tobacco)	Nematodes	26.7 to 40 pounds		Distribute the granules uniformly over the entire area to be treated and immediately incorporate to a depth of 2 to 4 inches by disking or tilling to insure uniform distribution. Use the high rate in fields with high populations of nematodes or in fields having a history of serious nematode damage. Plant crop in usual manner.
	Tobacco cyst nematodes	40 pounds		
CROP	PEST	DOSAGE NEMACUR 15% GRANULAR		REMARKS
		BAND: OZS./ 1000 Ft. of Row	BROADCAST: LBS./ACRE	
<b>VEGETABLES</b>				
Cabbage (direct seeded and trans- planted)	Nematodes	11 to 22 ozs. for any row spacing (or 10 to 20 lbs. per acre on 36 inch rows)	26.7 to 40 pounds	<u>FOR BAND OR BROADCAST APPLI- CATION</u>  <u>BAND:</u> Apply specified dosage in ozs. per 1000 ft. of row as a 12 to 15 inch band. Incorporate the granules into the soil to a depth of 2 to 4 inches. <u>ON NARROW ROW CROPS,</u> <u>DO NOT ALLOW BANDS TO</u> <u>OVERLAP.</u>
Brussels Sprouts (trans- planted)	Nematodes	11 to 22 ozs. for any row spacing (or 10 to 20 lbs. per acre on 36 inch rows)	26.7 to 40 pounds	<u>BROADCAST:</u> Distribute the granules uniformly over the entire area to be treated and immediately incorporate to a depth of 2 to 4 inches by disking or tilling.  <u>General:</u> Use the high rate in fields with high populations of nematodes or in fields having a history of serious nematode damage.

**NEMACUR 15% Granular**

CROP	PEST	DOSAGE NEMACUR 15% GRANULAR		REMARKS	
		BAND: OZS./ 1000 Ft. of Row	BROADCAST: LBS./ACRE		
VEGETABLES (Cont'd)		FOR BAND OR BROADCAST APPLICATION			
Okra (Except Calif- ornia)	Nematodes	14.7 to 18.4 oz. (or 13.4 to 16.7 pounds per acre on 36 inch rows)	40 pounds	BAND: Apply specified dosage in ounces per 1000 ft. of row as a 12 to 15 inch band. Incorporate the granules into the soil to a depth of 2 to 4 inches.	
				Use low rate in 12 inch band. Use high rate in 15 inch band.	
				<u>BAND WIDTH (36 inch row spacing)</u>	
				<u>12 inch</u>  14.7 oz/1000 ft of row or 13.4 lb/acre	<u>15 inch</u>  18.4 oz/1000 of row or 16.7 lb/acre
				ON NARROW ROW CROPS, DO NOT ALLOW BANDS TO OVERLAP.	
				BROADCAST: Distribute the granules uniformly over the entire area to be treated and immediately incorporate to a depth of 2 to 4 inches by disking or tilling.	

9  
13

**NEMACUR 15% Granular**

**RECOMMENDED APPLICATIONS (Cont'd)**

CROP	PEST	DOSAGE OF NEMACUR 15% G	REMARKS
<b>FRUIT CROPS</b>			
Apple Cherry Peach	Nematodes	66.7 to 133.3 pounds	<p><b>BROADCAST APPLICATION:</b> Apply specified dosage per acre with equipment properly calibrated to, insure uniform distribution. Immediately incorporate granules into the top 2 to 4 inches of soil following application.</p> <p><b>BAND APPLICATION:</b> Apply proportionally less product per acre based on band width with equipment properly calibrated to apply the product uniformly in a band covering the feeder root system of the tree (Example: To treat trees planted on 20 foot centers with a 10 foot band centered on the row apply one-half of the broadcast rate). Immediately incorporate granules into the top 2 to 4 inches of soil following application.</p>
<p>Incorporation of this product may be accomplished by mechanical incorporation 2 to 4 inches deep, or by sprinkler irrigation (1-2 inches of water) applied immediately following application.</p> <p>Control of nematodes is best obtained when there is adequate rainfall or irrigation after application to move the product into the root zone.</p> <p>Do not apply within 72 days of harvest of apples or within 45 days of harvest of peaches and cherries. Do not apply more than 133.3 pounds/acre (broadcast) per year per planting site. Do not graze livestock in treated orchards. Do not feed cover crops grown in treated orchards to livestock.</p> <p>On non-bearing apple, cherry and peach make initial applications when trees have recovered from transplanting shock and have initiated new growth, provided that one or more irrigations have been applied and soil has settled around the roots. Phytotoxicity may occur if applications are made before soil has settled and plants are growing.</p>			
Grapes	Nematodes	120 pounds  60 pounds	<p><b>Broadcast:</b> Apply specified dosage per acre to the soil with ground equipment and incorporate immediately.</p> <p><b>Band:</b> Apply specified dosage per acre to the soil with ground equipment and incorporate immediately*. Center the treated band on the vine row using a band width of 50% of the row spacing.</p>

**\*NOTE:** Control of nematodes is best obtained when there is adequate rainfall or irrigation after application to move the product into the root zone.

**RESTRICTIONS:** On bearing grapes, the last application may be made up to 2 days of harvest. Up to 3 applications to grapes can be made per season, but do not apply more than 120 pounds of NEMACUR 15% Granular (18 pounds active ingredient) per acre in one season (120 pounds per acre broadcast or 60 pounds per acre in a 50% band). Do not graze or feed treated crop to livestock.

On non-bearing grapes make initial applications when vines have recovered from transplanting shock and have initiated new growth, provided that one or more irrigations have been applied and soil has settled around the roots. Phytotoxicity may occur if applications are made before soil have settled and plants are growing.

**NEMACUR 15% Granular**

**RECOMMENDED APPLICATIONS (Cont'd)**

CROP	PEST	DOSAGE NEMACUR 15% G	REMARKS
FRUIT (Cont'd)			
Citrus (Arizona, California and Texas only)	Nematodes	67 to 133 pounds	<p><b>BROADCAST:</b> Apply specified dosage per acre as a broadcast application. Immediately after application, incorporate the granules into the soil by light raking or tilling.</p> <p><b>BAND:</b> Apply proportionally less product per acre based on band width. (Example: to treat trees planted on 20 foot centers with a 10 foot band centered on the row, apply one-half of the broadcast rate). Center the treated band on the tree row using a minimum band width of "to the drip line". Incorporate immediately after application.</p> <p>Under dry conditions, follow with 1/2 to 1 inch of overhead or flood irrigation. Do not apply more than once per season nor within 30 days of harvest of grapefruit nor within 180 days of harvest of other citrus fruits. Do not graze livestock on treated areas. On non-bearing citrus make initial applications when trees have recovered from transplanting shock and have initiated new growth, provided that one or more irrigations have been applied and soil has settled around the roots. Phytotoxicity may occur if applications are made before soil has settled and plants are growing.</p>
Pineapple* (Puerto Rico only)	Nematodes	67 to 133 pounds	<p><b>BROADCAST APPLICATION:</b> Apply specified dosage (10 to 20 lbs. active ingredient) per acre as a preplant broadcast treatment. Thoroughly incorporate the granules into the soil using suitable tillage equipment.</p>
		(See Remarks)	<p><b>BAND APPLICATION:</b> Use proportionally less NEMACUR 15% Granular per acre. Apply in a band 2 feet wide before planting. Thoroughly incorporate the granules into the soil using suitable tillage equipment.</p>
		<p><b>NOTE:</b> Postplanting applications of NEMACUR 3 can be made in addition to a preplant band or broadcast application of NEMACUR 15% Granular. Refer to the labeling for NEMACUR 3 for directions and dosage rates.</p> <p>Do not apply more than a total of 20 lbs. active ingredient per acre per crop season regardless of the formulation or method of application. Do not use forage or fodder for animal feed.</p> <p>*NEMACUR 15% Granular nematicide has shown excellent activity against the major genera of nematodes infesting pineapple plants. When applied as a preplant soil treatment, NEMACUR protects young developing root systems.</p>	

### RESTRICTIONS

Any food crop not specified on this label may be planted into treated areas 120 days after the last application. Any cover crops that are planted during the 120 day, period must be plowed under and not grazed.

Do not use on other crops. Use only according to label directions.

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

### RE-ENTRY STATEMENTS

Do not apply this product in such a manner as to directly or through drift expose workers or other persons. The area being treated must be vacated by unprotected persons. Mixer-loaders must wear protective coveralls, rubber or neoprene boots, rubber or neoprene gloves, and goggles or face shields when handling this product. Any person coming in direct contact with treated soil prior to incorporation or irrigation, or with treated wet soil after the initial irrigation, must wear protective coveralls, rubber or neoprene boots, and rubber or neoprene gloves. Wash thoroughly with soap and water after handling and before eating or smoking.

Because certain states may require more restrictive reentry intervals for various crops treated with this product, consult your State Department of Agriculture for further information.

(The following may appear on supplemental labeling accompanying the product)

Written or oral warnings must be given to workers who are expected to be in a treated area or in an area about to be treated with this product. Oral warnings should include those statements found under the label heading "Precautionary Statements" and "Re-entry Statements" included on this label. When oral warnings are given, warnings shall be given in a language customarily understood by workers. Oral warnings must be given if there is reason to believe that written warnings cannot be understood by workers. Written warnings must include the following information: DANGER, area treated with NEMACUR 15% Granular on (date of application). See "Re-entry Statements" for use of proper protective clothing. 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. If swallowed, vomiting should be induced. (See Precautionary Statements on label).

### STORAGE AND DISPOSAL

Pesticide Disposal: Do not contaminate water, food or feed by storage or disposal.

Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, or rinsate 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.

Container Disposal: Do not use container in connection with food, feed, or drinking water. Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

**BEST AVAILABLE COPY**

## NEMACUR 15Z Granular

### STORAGE AND DISPOSAL (Cont'd)

Store in a cool, dry place and in such a manner as to prevent cross contamination with other pesticides, fertilizers, food, and feed. Store in original container and out of the reach of children, preferably in a locked storage area.

Handle and open container in a manner as to prevent spillage. If the container is leaking or material spilled for any reason or cause, carefully sweep material into a pile. Refer to Precautionary Statements on label for hazards associated with the handling of this material. Do not walk through spilled material. Dispose of pesticide as directed above. In spill or leak incidents, keep unauthorized people away. You may contact the Mobay Emergency Response Team for decontamination procedures or any other assistance that may be necessary. The Mobay Kansas City Emergency Response Telephone No. is 816-242-2582, or contact Chemtrec at 800-424-9300.

### PRECAUTIONARY STATEMENTS

#### HAZARDS TO HUMANS AND DOMESTIC ANIMALS



Fatal if swallowed, or absorbed through the skin. Causes eye irritation. May be fatal if inhaled. Do not get in eyes, on skin, or on clothing. Do not breathe dust. Wear protective clothing, rubber gloves, and goggles or face shield when handling. Wash thoroughly with soap and water after handling and before eating or smoking. Remove and wash contaminated clothing before reuse.

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 "tightness" in the chest. Sweating. Contracted pupils. Stomach pains. Vomiting and diarrhea.

#### STATEMENTS OF PRACTICAL TREATMENT

In case of poisoning call a physician immediately. Have patient lie down and keep quiet. If swallowed, vomiting should be induced. Administer water freely and induce vomiting by giving one dose (1/2 oz. or 15 ml.) of syrup of ipecac. If vomiting does not occur within 10 to 20 minutes, administer second dose. If syrup of ipecac is not available, induce vomiting by sticking finger down throat. Repeat until vomit fluid is clear. Never give anything by mouth to an unconscious person. Professional medical assistance should be secured immediately. 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. If inhaled, remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth.

BEST AVAILABLE COPY

STATEMENTS OF PRACTICAL TREATMENT (Cont'd)

TO PHYSICIAN:

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

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

ENVIRONMENTAL HAZARDS

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

NEMACUR is a Reg. TM of the Parent Company of Farbenfabriken Bayer GmbH, Leverkusen.

BLD26

U.S. LABEL

Reason to Issue: To show 30 day  
PHI for grapefruit; revise Corp-  
orate name.

Date of Draft: 2/28/86 (H)  
Supersedes Draft Dated: 7/29/85  
and Pre-Reg Draft Dated: 9/25/85

EPA Reg. No. 3125-236-AA

® NEMACUR  
15% Granular

SYSTEMIC INSECTICIDE NEMATICIDE

Only for agricultural use, or for sale to, use, and storage  
by commercial applicators, and other service persons

FOR EFFECTIVE CONTROL OF  
NEMATODES IN CITRUS

ACTIVE INGREDIENT:  
Ethyl 3-methyl-4-(methylthio)phenyl  
(1-methylethyl)phosphoramidate ..... 15%

KEEP OUT OF REACH OF CHILDREN

INERT INGREDIENTS: ..... 85%  
100%

DANGER



POISON

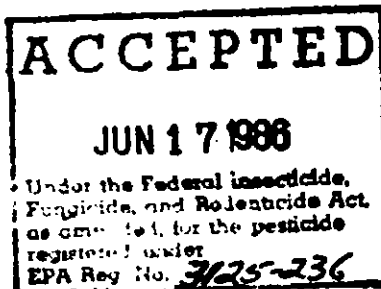
EPA Reg. No. 3125-236-AA

See Rear Panel for Statements of  
Practical Treatment and Other Precautionary  
Statements

PELIGRO

PRECAUCION AL USUARIO: Si usted o puede  
leer o entender inglés, no use este  
producto hasta que la etiqueta le haya  
sido explicada ampliamente.

(TO THE USER: If you cannot read or  
understand English, do not use this product  
until the label has been fully explained to you.)



STOP - READ THE LABEL BEFORE USE

NET WEIGHT POUNDS

MOBAY CORPORATION  
AGRICULTURAL CHEMICALS DIVISION  
Box 4913, Kansas City, Mo. 64120

## NEMACUR 15% Granular

### DIRECTIONS FOR USE

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

**IMPORTANT:** Read these entire Directions and Conditions of Sale before using NEMACUR 15% Granular nematicide.

**CONDITIONS OF SALE:** THE DIRECTIONS ON THIS LABEL WERE DETERMINED THROUGH RESEARCH TO BE THE DIRECTIONS FOR CORRECT USE OF THIS PRODUCT. THIS PRODUCT HAS BEEN TESTED FOR A RANGE OF WEATHER CONDITIONS SIMILAR TO THOSE WEATHER CONDITIONS THAT ARE ORDINARY AND CUSTOMARY IN THE GEOGRAPHIC AREA WHERE THE PRODUCT IS USED. INSUFFICIENT CONTROL OF PESTS AND/OR INJURY TO THE CROP TO WHICH THE PRODUCT IS APPLIED MAY RESULT FROM THE OCCURRENCE OF EXTRAORDINARY OR UNUSUAL WEATHER, OR FROM FAILURE TO FOLLOW LABEL DIRECTIONS. IN ADDITION, FAILURE TO FOLLOW LABEL DIRECTIONS MAY CAUSE INJURY TO OTHER CROPS, ANIMALS, MAN, OR THE ENVIRONMENT. MOBAY OFFERS, AND THE BUYER ACCEPTS AND USES, THIS PRODUCT SUBJECT TO THE CONDITIONS THAT EXTRAORDINARY OR UNUSUAL WEATHER, OR FAILURE TO FOLLOW LABEL DIRECTIONS ARE BEYOND THE CONTROL OF MOBAY AND ARE, THEREFORE, THE RESPONSIBILITY OF THE BUYER.

NEMACUR 15% Granular has shown excellent activity against the major genera of nematodes attacking citrus. NEMACUR kills nematodes by contact action.

### RECOMMENDED APPLICATIONS

CROP	PEST	DOSAGE NEMACUR 15% G	REMARKS
Citrus (Except Arizona, California, and Texas)	Nematodes	67 to 133 pounds	<p><b>BROADCAST:</b> Apply specified dosage per acre as a broadcast application. Immediately after application, incorporate the granules into the soil by light raking or tilling.</p> <p><b>BAND:</b> Apply proportionally less product per acre based on band width. (Example: to treat trees planted on 20 foot centers with a 10 foot band centered on the row, apply one-half of the broadcast rate). Center the treated band on the tree row using a minimum band width of "to the drip line." Incorporate immediately after application.</p> <p>Under dry conditions, follow with 1/2 to 1 inch of overhead or flood irrigation. Do not apply more than once per season nor within 30 days of harvest of grapefruit, nor within 180 days of harvest of other citrus fruits. Do not graze livestock on treated areas.</p>

## RESTRICTIONS

Any food crop not specified on this label may be planted into treated areas 120 days after the last application. Any cover crops that are planted during the 120 day period must be plowed under and not grazed.

Do not use on other crops. Use only according to label directions.

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

RE-ENTRY STATEMENTS

Do not apply this product in such a manner as to directly or through drift expose workers or other persons. The area being treated must be vacated by unprotected persons. Mixer-loaders must wear protective coveralls, rubber or neoprene boots, rubber or neoprene gloves, and goggles or face shields when handling this product. Any person coming in direct contact with treated soil prior to incorporation or irrigation, or with treated wet soil after the initial irrigation, must wear protective coveralls, rubber or neoprene boots, and rubber or neoprene gloves. Wash thoroughly with soap and water after handling and before eating or smoking.

Because certain states may require more restrictive reentry intervals for various crops treated with this product, consult your State Department of Agriculture for further information.

(The following may appear on supplemental labeling accompanying the product)  
Written or oral warnings must be given to workers who are expected to be in a treated area or in an area about to be treated with this product. Oral warnings should include those statements found under the label heading "Precautionary Statements" and "Re-entry Statements" included on this label. When oral warnings are given, warnings shall be given in a language customarily understood by workers. Oral warnings must be given if there is reason to believe that written warnings cannot be understood by workers. Written warnings must include the following information: DANGER, area treated with NEMACUR 15% Granular on (date of application). See "Re-entry Statements" for use of proper protective clothing. 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. If swallowed, vomiting should be induced. (See Precautionary Statements on label).

## STORAGE AND DISPOSAL

Pesticide Disposal: Do not contaminate water, food or feed by storage or disposal.

Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, or rinsate 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.

## STORAGE AND DISPOSAL (Cont'd)

**Container Disposal:** Do not use container in connection with food, feed, or drinking water. Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

Store in a cool, dry place and in such a manner as to prevent cross contamination with other pesticides, fertilizers, food, and feed. Store in original container and out of the reach of children, preferably in a locked storage area.

Handle and open container in a manner as to prevent spillage. If the container is leaking or material spilled for any reason or cause, carefully sweep material into a pile. Refer to Precautionary Statements on label for hazards associated with the handling of this material. Do not walk through spilled material. Dispose of pesticide as directed above. In spill or leak incidents, keep unauthorized people away. You may contact the Mobay Emergency Response Team for decontamination procedures or any other assistance that may be necessary. The Mobay Kansas City Emergency Response Telephone No. is 816-242-2582, or contact Chemtrec at 800-424-9300.

## PRECAUTIONARY STATEMENTS

### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER  POISON

Fatal if swallowed, or absorbed through the skin. Causes eye irritation. May be fatal if inhaled. Do not get in eyes, on skin, or on clothing. Do not breathe dust. Wear protective clothing, rubber gloves, and goggles or face shield when handling. Wash thoroughly with soap and water after handling and before eating or smoking. Remove and wash contaminated clothing before reuse.

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 "tightness" in the chest. Sweating. Contracted pupils. Stomach pains. Vomiting and diarrhea.

## STATEMENTS OF PRACTICAL TREATMENT

In case of poisoning call a physician immediately. Have patient lie down and keep quiet. If swallowed, vomiting should be induced. Administer water freely and induce vomiting by giving one dose (1/2 oz. or 15 ml.) of syrup of ipecac. If vomiting does not occur within 10 to 20 minutes, administer second dose. If syrup of ipecac is not available, induce vomiting by sticking finger down throat. Repeat until vomit fluid is clear. Never give anything by mouth to an unconscious person. Professional medical assistance should be secured immediately. 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. If inhaled, remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth.

TO PHYSICIAN:

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

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

## ENVIRONMENTAL HAZARDS

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

NEMACUR is a Reg. TM of the Parent Company of Farbenfabriken Bayer GmbH, Leverkusen.

name.

and Pre-Reg Draft Dated: 9/25/85

EPA Reg. No. 3125-236-AA

® NEMACUR

15% Granular

SYSTEMIC INSECTICIDE - NEMATOCIDE

Only for agricultural use, or for sale to, use, and storage  
by commercial applicators, and other service persons

FOR EFFECTIVE CONTROL OF  
NEMATODES IN CERTAIN FIELD, FRUIT  
AND VEGETABLE CROPS

ACTIVE INGREDIENT:

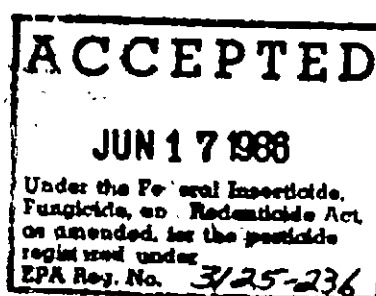
Ethyl 3-methyl-4-(methylthio)phenyl  
(1-methylethyl)phosphoramidate ..... 15%

KEEP OUT OF REACH OF CHILDREN

INERT INGREDIENTS: ..... 857  
100%

DANGER  POISON

See rear panel for Statements of  
Practical Treatment and Other Precautionary  
Statements.



EPA Reg. No. 3125-236-AA

PELIGRO

PRECAUCION AL USUARIO: Si usted no puede  
leer o entender inglés, no use este producto  
hasta que la etiqueta le haya sido explicada  
ampliamente.

(TO THE USER: If you cannot read or understand  
English, do not use this product until the label  
has been fully explained to you.)

STOP - READ THE LABEL BEFORE USE

NET WEIGHT POUNDS

MORAY CORPORATION

AGRICULTURAL CHEMICAL DIVISION

Box 111, Kansas City, MO 64120

**CONDITIONS OF SALE:** THE DIRECTIONS ON THIS LABEL WERE DETERMINED THROUGH RESEARCH TO BE THE DIRECTIONS FOR CORRECT USE OF THIS PRODUCT. THIS PRODUCT HAS BEEN TESTED FOR A RANGE OF WEATHER CONDITIONS SIMILAR TO THOSE WEATHER CONDITIONS THAT ARE ORDINARY AND CUSTOMARY IN THE GEOGRAPHIC AREA WHERE THE PRODUCT IS USED. INSUFFICIENT CONTROL OF PESTS AND/OR INJURY TO THE CROP TO WHICH THE PRODUCT IS APPLIED MAY RESULT FROM THE OCCURRENCE OF EXTRAORDINARY OR UNUSUAL WEATHER, OR FROM FAILURE TO FOLLOW LABEL DIRECTIONS. IN ADDITION, FAILURE TO FOLLOW LABEL DIRECTIONS MAY CAUSE INJURY TO OTHER CROPS, ANIMALS, MAN, OR THE ENVIRONMENT. MOBAY OFFERS, AND THE BUYER ACCEPTS AND USES, THIS PRODUCT SUBJECT TO THE CONDITIONS THAT EXTRAORDINARY OR UNUSUAL WEATHER, OR FAILURE TO FOLLOW LABEL DIRECTIONS ARE BEYOND THE CONTROL OF MOBAY AND ARE, THEREFORE, THE RESPONSIBILITY OF THE BUYER.

**AGRICULTURAL CROPS:**

NEMACUR 15% Granular has shown excellent activity against the major genera of nematodes attacking the following crops. NEMACUR kills nematodes by contact action.

COTTON AND PEANUTS: When applied according to directions on this label NEMACUR 15% Granular will provide early season reduction of thrips infesting peanuts and control of thrips infesting cotton.

BEST AVAILABLE COPY

# FIELD CROPS

Cotton

Thrips  
(early season  
reduction)

6 to 8 oz. per 1000 ft.  
of row for any row spac-  
ing (6.5 to 14.7 lbs.  
per acre on 40 inch row).

Nematodes  
Thrips

8 to 18 oz. per 1000 ft.  
of row for any row spac-  
ing (6.5 to 14.7 lbs.  
per acre on 40 inch  
row spacing).

**I. FURROW/COVERING SOIL:** Apply  
specified dosage per 1000 ft. of  
row in furrow or band in cover-  
ing soil behind the seed drop  
and in front of covering devices.

**II. FURROW/COVERING SOIL:** Apply  
specified dosage per 1000 ft. of  
row in furrow or band in cover-  
ing soil behind the seed drop  
and in front of covering de-  
vices.

**BAND:** Apply specified dosage  
per 1000 ft. of row in a 6 to  
12 inch band over the row. In-  
corporate thoroughly to insure  
uniform distribution.

**Suggested use rates of NEMACUR 15% G  
in oz./1000 feet of row based on  
nematode infestation levels:\***

Bandwidth	Low	Moderate	High*
In furrow	8	10	12
In covering soil	8	10	12
6 inch band	8	10	12
8 inch band	10	12	14
10 inch band	11	13	16
12 inch band	12	14	18

\*Use the highest recommended rates  
in fields with a history of nema-  
tode problems.

**IMPORTANT:** Do not overlap bands on narrow row crops. Do not feed or graze cotton  
foliage. Under very heavy thrip pressure additional control measures may be needed.

<sup>1</sup>The action of some planters during planting operation may provide adequate incorporation.  
tion. When using planters which do not disturb the soil for incorporation or under.

**FIELD CROPS (Cont'd)**

Soybeans  
(Except  
California)

8 to 22 ozs. per 1000  
ft. of row for any  
row spacing. (1.3 to  
20 lbs. per acre on  
36 inch row spacing)

**IN FURROW/COVERING SOIL:** Apply  
specified dosage in oz. per 1000 ft.  
of row in furrow or band in covering  
soil behind the seed drop in front  
of the covering devices.

**BAND:** Apply specified dosage per  
1000 ft. of row in a 6 to 12 inch  
band over the row. Incorporate  
thoroughly to a depth of 2 to 3  
inches to insure uniform distri-  
bution.

Suggested use rate of NEMACUR 15%  
G in oz./1000 ft. of row based on  
nematode infestation levels:

Nematode Infestation Levels

<u>Application</u>	<u>Low</u>	<u>Moderate</u>	<u>High*</u>
In furrow	8	11	14
In covering soil	8	11	14
6 inch band	8	12	15
8 inch band	10	12	16
10 inch band	12	14	18
12 inch band	14	16	22

\*Includes fields with a history of  
nematode problems.

**NOTE:** Do not overlap bands on narrow  
row crops. Do not feed or graze  
soybean vines. When NEMACUR is  
applied to soybeans, crop injury  
from propanil drift may be  
intensified. Use NEMACUR only as a  
band application when metribuzin is  
used for control of weeds.

soybeans (California only)	Nematodes	0.7 to 1.7 ozs. for any row spacing (or 5 to 24 lbs. per acre on 36 inch rows)	125 to 40 pounds	<p>band. Apply specified dosage in lbs. per 1000 ft. of row in front of the planter shoe as a 12 to 18 inch band. Incorporate the granules into the soil to a depth of 2 to 6 inches. Use the high rate in fields with high populations of nematodes or in fields having a history of serious nematode damage. WHEN BAND APPLICATIONS ARE USED ON NARROW ROW CROPS, DO NOT USE BAND WIDTHS THAT WILL ALLOW TREATED AREAS TO OVERLAP.</p>
Peanuts	Nematodes Thrips (early season reduction)	11 to 18.7 ozs. for any row spacing (or 10 to 17 pounds per acre on 36 inch rows)	20 to 33.5 pounds	<p><b>BROADCAST:</b> Distribute the granules uniformly over the entire area to be treated and immediately incorporate to a depth of 2 to 6 inches by disking or tilling. Use the high rate in fields with high populations of nematodes or in fields having a history of serious nematode damage.</p> <p><b>NOTE:</b> When NEMACUR is applied to soybeans, crop injury from Propanil drift may be intensified. For both band and broadcast applications do not feed or graze soybean vines, green peanut vines or peanut vine hay. Do not hog down treated peanut fields.</p>

Tobacco (Not for use on shade- grown tobacco)	Nematodes	26.7 to 40 pounds	Distribute the granules uniformly over the entire area to be treated and immediately incorporate to a depth of 2 to 4 inches by disking or tilling to insure uniform distribution. Where a range in rates is recommended use the high rate in fields with high populations of nematodes or in fields having a history of serious nematode damage.
--	-----------	----------------------	---

CROP	PEST	DOSAGE NEMACUR 15% GRANULAR		REMARKS
		BAND: OZS./ 1000 Ft. of Row	BROADCAST: LBS./ACRE	

<b>VEGETABLES</b>				
Cabbage (direct seeded and trans- planted)	Nematodes	11 to 22 ozs. for any row spacing (or 10 to 20 lbs. per acre on 36 inch rows)	26.7 to 40 pounds	<u>FOR BAND OR BROADCAST APPLI- CATION</u>  <b>BAND:</b> Apply specified dosage in ozs. per 1000 ft. of row in front of the planter shoe as a 12 to 15 inch band. Incorporate the granules into the soil to a depth of 2 to 6 inches. Use the high rate in fields with high populations of nematodes or in fields having a history of serious nematode damage. <b>WHEN BAND APPLICATIONS ARE USED ON NARROW ROW CROPS, DO NOT USE BAND WIDTHS THAT WILL ALLOW TREATED AREAS TO OVERLAP.</b>  <b>BROADCAST:</b> Distribute the granules uniformly over the entire area to be treated and immediately incorporate to a depth of 2 to 6 inches by disking or tilling. Use the high rate in fields with high populations of nematodes or in
Brussels Sprouts	Nematodes	11 to 22 ozs. for any row spacing (or 10 to 20 lbs. per acre on 36 inch rows)	26.7 to 40 pounds	

**VEGETABLES (Cont'd)**

**Okra  
(Except  
Calif-  
ornia)**

**Nematodes**

14.7 to 18.4 oz/1000 ft of row  
(or 13.4 to 16.7 lb/acre  
on 36 inch rows)

**BAND:** Apply specified dosage  
in ounces per 1000 ft. of row  
in front of the planter shoe  
as a 12 to 15 inch band.  
Incorporate the granules into  
the soil to a depth of 2 to 6  
inches.

Use low rate in 12 inch band.  
Use high rate in 15 inch  
band.

**BAND WIDTH (36 inch row spacing)**

<u>12 inch</u>	<u>15 inch</u>
14.7 oz/1000 ft of row or 13.4 lb/acre	18.4 oz/1000 of row or 16.7 lb/acre

**WHEN BAND APPLICATIONS ARE USED  
ON NARROW ROW CROPS, DO NOT USE  
BAND WIDTHS THAT WILL ALLOW  
TREATED AREAS TO OVERLAP.**

**BROADCAST:** Distribute the  
granules uniformly over the  
entire area to be treated and  
thoroughly incorporate to a  
depth of 2 to 6 inches by  
tilling or tilling.

<p><b>Nematodes</b></p> <p>66.7 to 133.3 pounds</p>		<p><b>BROADCAST APPLICATION:</b> Apply specified dosage per acre with equipment properly calibrated to insure uniform distribution. Immediately incorporate granules into the top 2 to 4 inches of soil following application.</p> <p><b>BAND APPLICATION:</b> Apply specified dosage per treated acre with equipment properly calibrated to apply the product uniformly in a band covering the feeder root system of the tree. Immediately incorporate granules into the top 2 to 4 inches of soil following application.</p>
---	--	--

Incorporation of this product may be accomplished by mechanical incorporation 2 to 4 inches deep, or by sprinkler irrigation applied immediately following application (1-2 inches of water).

Control of nematodes is best obtained when there is adequate rainfall or irrigation after application to move the product into the root zone.

Do not apply within 72 days of harvest of apples, or within 45 days of harvest of peaches or within 45 days of harvest of cherries. Do not apply more than 133.3 pounds/acre per year per planting site. Do not graze livestock in treated orchards. Do not feed cover crops grown in treated orchards to livestock.

<p><b>Nematodes</b></p>	<p>120 pounds</p>	<p><b>BROADCAST:</b> With ground injection equipment, apply specified dosage per acre 2 or more inches below soil surface.*</p>
	<p>60 pounds (120 pounds per treated acre)</p>	<p><b>BAND:</b> With ground injection equipment, apply specified dosage per acre 2 or more inches below the soil surface.* Center the treated band on the vine row using a minimum band width equal to 50% of the row spacing.</p>
	<p>120 pounds</p>	<p><b>BROADCAST:</b> Apply specified dosage broadcast to the soil* with suitable ground equipment and incorporate 2 to 4 inches deep.</p>
	<p>60 pounds (120 pounds per treated acre)</p>	<p><b>BAND:</b> Use proportionally less NEMACUR 15% Granular per acre. Treated band should center on the vine row with a minimum width of 50% of row spacing. Incorporate immediately.</p> <p><b>Example:</b> To treat a 5-foot band on rows 10 feet apart (50% of the row spacing), use one-half the broadcast rate.</p>

CROP	PEST	DOSAGE NEMACUR 15% G	REMARKS
<b>FRUIT (Cont'd)</b>			
Citrus (Arizona and Texas only)	Nematodes	67 to 133 pounds	<p><b>BROADCAST:</b> Apply specified dosage per acre as a broadcast application. Immediately after application, incorporate the granules into the soil by light raking or tilling.</p> <p><b>BAND:</b> Apply proportionally less product per acre based on band width. (Example: to treat trees planted on 20 foot centers with a 10 foot band centered on the row, apply one-half of the broadcast rate). Center the treated band on the tree row using a minimum band width of "to the drip line". Incorporate immediately after application.</p> <p>Under dry conditions, follow with 1/2 to 1 inch of overhead or flood irrigation. Do not apply more than once per season nor within 30 days of harvest of grapefruit, nor within 180 days of harvest of other citrus fruits. Do not graze livestock in treated areas.</p>
Pineapple* (Puerto Rico only)	Nematodes	67 to 133 pounds	<p><b>BROADCAST APPLICATION:</b> Apply specified dosage (20 lbs. active ingredient) per acre as a preplant broadcast treatment. Thoroughly incorporate the granules into the soil using suitable tillage equipment.</p>
		(See Remarks)	<p><b>BAND APPLICATION:</b> Use proportionally less NEMACUR 15% Granular per acre, apply in a band 4 feet wide before planting. Thoroughly incorporate the granules into the soil using suitable tillage equipment.</p>
			<p><b>NOTE:</b> Postplanting applications of NEMACUR 3 can be made in addition to a preplant band or broadcast application of NEMACUR 15% Granular. Refer to the labeling for NEMACUR 3 for directions and dosage rates.</p> <p>Do not apply more than a total of 20 lbs. active ingredient per acre per crop season regardless of the application method of application. Do not allow granules to come in contact with animal feed.</p>

Any food crop not specified on this label may be planted into treated areas 120 days after the last application. Any cover crops that are planted during the 120 day period must be plowed under and not grazed.

Do not use on other crops. Use only according to label directions.

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

#### RE-ENTRY STATEMENTS

Do not apply this product in such a manner as to directly or through drift expose workers or other persons. The area being treated must be vacated by unprotected persons. Mixer-loaders must wear protective coveralls, rubber or neoprene boots, rubber or neoprene gloves, and goggles or face shields when handling this product. Any person coming in direct contact with treated soil prior to incorporation or irrigation, or with treated wet soil after the initial irrigation, must wear protective coveralls, rubber or neoprene boots, and rubber or neoprene gloves. Wash thoroughly with soap and water after handling and before eating or smoking.

Because certain states may require more restrictive reentry intervals for various crops treated with this product, consult your State Department of Agriculture for further information.

(The following may appear on supplemental labeling accompanying the product)

Written or oral warnings must be given to workers who are expected to be in a treated area or in an area about to be treated with this product. Oral warnings should include those statements found under the label heading "Precautionary Statements" and "Re-entry Statements" included on this label. When oral warnings are given, warnings shall be given in a language customarily understood by workers. Oral warnings must be given if there is reason to believe that written warnings cannot be understood by workers. Written warnings must include the following information: DANGER, area treated with NEMACUR 15% Granular on [illegible]. See "Re-entry Statements" for use of proper protective clothing. If contaminated clothing and wash skin immediately with soap and warm water. If swallowed, vomiting should be induced. (See Precautionary Statements on label).

#### STORAGE AND DISPOSAL

Pesticide Disposal: Do not contaminate water, food or feed by storage or disposal.

Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, or rinse 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.

Store in a cool, dry place and in such a manner as to prevent cross contamination with other pesticides, fertilizers, food, and feed. Store in original container and out of the reach of children, preferably in a locked storage area.

Handle and open container in a manner as to prevent spillage. If the container is leaking or material spilled for any reason or cause, carefully sweep material into a pile. Refer to Precautionary Statements on label for hazards associated with the handling of this material. Do not walk through spilled material. Dispose of pesticide as directed above. In spill or leak incidents, keep unauthorized people away. You may contact the Mobay Emergency Response Team for decontamination procedures or any other assistance that may be necessary. The Mobay Kansas City Emergency Response Telephone No. is 816-242-2582, or contact Chemtrec at 800-424-9300.

### PRECAUTIONARY STATEMENTS

#### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER

POISON

Fatal if swallowed, or absorbed through the skin. Causes eye irritation. May be fatal if inhaled. Do not get in eyes, on skin, or on clothing. Do not breathe dust. Wear protective clothing, rubber gloves, and goggles or face shield when handling. Wash thoroughly with soap and water after handling and before eating or smoking. Remove and wash contaminated clothing before reuse.

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 "tightness" in the chest. Sweating. Constricted pupils. Stomach pains. Vomiting and diarrhea.

#### STATEMENTS OF PRACTICAL TREATMENT

In case of poisoning call a physician immediately. Have patient lie down and keep quiet. If swallowed, vomiting should be induced. Administer water freely and induce vomiting by giving one dose (1/2 oz. or 15 ml.) of syrup of ipecac. If vomiting does not occur within 10 to 20 minutes, administer second dose. If syrup of ipecac is not available, induce vomiting by sticking finger down throat. Repeat until vomit fluid is clear. ~~Administer~~

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

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

#### ENVIRONMENTAL HAZARDS

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

NEMACUR is a Reg. TM of the Parent Company of Farbenfabriken Bayer GmbH, Leverkusen.

BEST AVAILABLE COPY