

LABELS

Reason to Issue: To revise labeling
for soybeans. 7/12/82 Draft:
Product Development Revision.
2/9/83 Draft: Delete broadcast
use.

U.S. LABEL

Date of Draft: 2/9/83 (Pre-Reg.) (H)
Supersedes Draft Dated: 7/12/82

EPA Reg. No. 3125-283

® NEMACUR 3

ACTIVE INGREDIENT

EMULSIFIABLE SYSTEMIC NEMATOCIDE

Ethyl 3-methyl-4-(methylthio)phenyl
(1-methylethyl)phosphoramidate . . . 35%

AMENDMENT TO PREVIOUSLY REGISTERED LABELING

REVISE TO READ AS FOLLOWS:

RECOMMENDED APPLICATIONS

CROP	PEST	DOSAGE NEMACUR 3 FL OZS./1000 FT. OF ROW	REMARKS																																
FIELD CROPS																																			
Soybeans	Nematodes	3.2 to 8., fl. oz. per 1000 foot of row for any row spacing. (1-1/2 quarts to 4 quarts of NEMACUR 3 per acre based on 36 inch rows).	<p><u>In furrow/covering soil:</u> Spray specified dosage in fl. 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> Spray 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 rate of NEMACUR 3 in fluid oz./1000 foot row based on nematode infestation levels:</u></p> <table> <tr> <th colspan="4"><u>Nematode Infestation Levels</u></th></tr> <tr> <th><u>Application</u></th><th><u>Low</u></th><th><u>Moderate</u></th><th><u>High*</u></th></tr> <tr> <td>In furrow</td><td>3.2</td><td>4.4</td><td>5.6</td></tr> <tr> <td>In covering soil</td><td>3.2</td><td>4.4</td><td>5.6</td></tr> <tr> <td>6 inch band</td><td>3.2</td><td>4.8</td><td>5.9</td></tr> <tr> <td>8 inch band</td><td>4.0</td><td>4.8</td><td>6.4</td></tr> <tr> <td>10 inch band</td><td>4.8</td><td>5.6</td><td>7.1</td></tr> <tr> <td>12 inch band</td><td>5.6</td><td>6.4</td><td>8.7</td></tr> </table> <p>*Includes fields with a history of nematode problems.</p> <p>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 applicator when metribuzin is used for control of weeds.</p>	<u>Nematode Infestation Levels</u>				<u>Application</u>	<u>Low</u>	<u>Moderate</u>	<u>High*</u>	In furrow	3.2	4.4	5.6	In covering soil	3.2	4.4	5.6	6 inch band	3.2	4.8	5.9	8 inch band	4.0	4.8	6.4	10 inch band	4.8	5.6	7.1	12 inch band	5.6	6.4	8.7
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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, ground driven rototillers or similar equipment behind the planter.

Pre-Reg. (4729)

U.S. LABEL

Reason to Issue: To add claims for nematode control on bearing apple, cherry and peach trees. 10/18/79 Draft: Revise in line with field and internal comments. 1/22/80 Draft: Product manager's revisions. 7/14/82 Draft: To restrict feeding of cover crops grown in treated orchards; revise PHI for apples & peaches. 1/17/83 Draft: To revise incorporation statements.

Date of Draft: 1/17/83 (Pre-Reg.) (H)

Supersedes Pre-Reg. Draft Dated: 7/14/82

EPA Reg. No. 3125-283

® NEMACUR 3

EMULSIFIABLE SYSTEMIC NEMATOCIDE

ACTIVE INGREDIENT:

Ethyl 3-methyl-4-(methylthio)phenyl
(1-methylethyl)phosphoramidate ... 35%

AMENDMENT

3125-283

To Previously Registered Labeling

Add the Following:

RECOMMENDED APPLICATIONS

CROP	PEST	GALLONS NEMACUR 3	REMARKS
FRUIT			
Apple	Nematodes	3-1/3 to	BROADCAST APPLICATION: Apply specified dosage in 20 to 40 gallons of water per acre as a spray to the soil surface. Incorporate immediately 2 to 4 inches deep.
Cherry		6-2/3	
Peach		3-1/3 to	BAND APPLICATION: Apply specified dosage in 20 to 40 gallons of water per treated acre as a spray to the soil surface with equipment properly calibrated to apply the product in a band covering the feeder root system of the tree. Incorporate immediately 2 to 4 inches deep.
		6-2/3	

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.

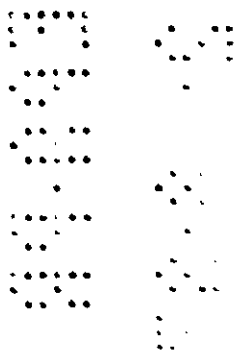
NEMACUR 3

NEMACUR 3 may be tank mixed with herbicides registered and recommended for orchard weed control. Observe all cautions and limitations on labeling of all products used in mixtures.

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 6-2/3 gallons/acre per year per planting site. Do not graze livestock in treated orchards. Do not feed cover crops grown in treated orchards to livestock.

Special Precautions

Avoid contacting tree foliage with the spray mixture. Do not add oils or surfactants to the spray mixture. Do not allow spray or drift to contact operator.



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Mohay Chemical Corporation
Agricultural Chemicals Division
P.O. Box 4913
Kansas City, MO 64120

Attention: Mr. Glenn Russell

Gentlemen:

Subject: Nomacur 3 Emulsifiable
EPA Registration No. 3125-283
Amendments to add use on grapes, citrus, cherries,
apples, peaches, pineapples, and soybeans

The amendment referred to above, submitted in connection with registration under FIFRA sec. 3(c)(7)(B), is acceptable, provided that you:

1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data.

2. Submit production information (pounds or gallons produced) for this product for the fiscal year in which the use on grapes, citrus, cherries, apples, peaches, and soybeans are conditionally registered, in accordance with FIFRA sec. 29. The fiscal year begins October 1 and ends September 30. Production information will be submitted to the Agency no later than November 15, following the end of the preceding fiscal year.

This information should be submitted to:

Registration Support and Emergency Response Branch
Registration Division (PS-767C)
Environmental Protection Agency
Washington, D.C. 20460

3. Submit five (5) copies of your final printed labeling before you release the product for shipment.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product bearing the amended labeling constitutes acceptance of these conditions.

3121-282

A stamped copy of the label is enclosed for your records.

Sincerely yours,

Henry M. Jacoby
Product Manager (21)
Fungicide-Herbicide Branch
Registration Division (TS-767C)

hmj:HMJ:FHB:RD:TS-767C:Rm227:7/22/83;557-1900

Reason to Issue: To propose claims for
use on grapes. 12/21/82 Draft: To
add "Restrictions."
EPA Reg. No. 3125-283

U.S. LABEL

Date of Draft: 12/21/82 Pre-Reg (H)
Supersedes Pre-Reg Draft Dated:
4/23/82

/ACCEPTED
with COMMENTS
EPA Letter Dated:

® NEMACUR 3
EMULSIFIABLE SYSTEMIC INSECTICIDE - NEMATOCIDE

JUL 22 1983

Under the Fungicide, Insecticide,
and Nematicide Registration Act,
as amended, this product is
registered under EPA Reg. No. 3125-283

ACTIVE INGREDIENT:

Ethyl 3-methyl-4-(methylthio)phenyl
(1-methylethyl)phosphoramidate 35%

AMENDMENT TO PREVIOUSLY REGISTERED LABELING

ADD THE FOLLOWING:

RECOMMENDED APPLICATIONS

CROP	PEST	DOSAGE NEMACUR 3	REMARKS
Grapes (West of the Rocky Mountains)	Nematodes	6 gallons	Broadcast: With ground injection equipment, apply specified dosage per acre in 20 to 40 gallons of solution 2 or more inches below soil surface.*
		3 gallons (6 gallons per treated acre)	Band: With ground injection equipment, apply specified dosage per acre in 20 to 40 gallons of solution 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.
Grapes (East of the Rocky Mountains)	Nematodes	6 gallons	Broadcast: Apply specified dosage per acre in 20 to 40 gallons of spray solution per acre to the soil with suitable ground equipment and incorporate 2 to 4 inches deep.
		3 gallons (6 gallons per treated acre)	Band: Use proportionally less NEMACUR 3 per acre. Treated band should center on the vine row with a minimum width of 50% of the row spacing. Incorporate immediately. Example: To treat a 5-foot band on rows 10 feet apart (50% of the row spacing), use one-half the broadcast rate.

*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

Up to 3 applications can be made per season, but do not apply more than 6 gallons of NEMACUR 3 (18 pounds active ingredient) per acre in one season. Do not graze or feed treated crop to livestock.

NEMA1

U.S. LABEL

Reason to Issue: To add use on
pineapple in Hawaii only. To
restrict use of forage & fodder
for animal feed.
EPA Reg. No. 3125-283

Date of Draft: 4/5/83 (Pre-Reg) (B)
Supersedes Pre-Reg Draft Dated: 12/1/82

® NEMACUR 3
Emulsifiable Nematicide

ACTIVE INGREDIENT:
Ethyl-3-methyl-4-(methylthio)phenyl
(1-methylethyl) phosphoramidate 35%

3125-283
AMENDMENT
To Previously Registered Labeling

ADD THE FOLLOWING:

RECOMMENDED APPLICATIONS

CROP	PEST	DOSAGE OF NEMACUR 3	REMARKS
Pineapple (Hawaii only)	Nematodes (<u>Rotylenchu</u> <u>lus</u> and <u>Meloidogyne</u> species)	1-1/3 to 8 pints	<u>POSTPLANT APPLICATION:</u> - <u>PLANT CROP.</u> Apply specified dosage in 50 to 250 gallons of water per acre as a broadcast spray or through drip irrigation. Applications may begin immediately after planting. Make additional applications at intervals of 1 to 3 months as needed. Do not apply within 30 days before harvest. Do not use forage or fodder for animal feed. Do not apply more than a total of 13.3 gallons of NEMACUR 3 per acre per plant crop. - <u>RATOON CROP.</u> Apply specified dosage in 50 to 250 gallons of water per acre as a broadcast spray or through drip irrigation. The first application may be made immediately following crop harvest. Make additional applications at intervals of 1 to 3 months as needed. Do not apply within 30 days before harvest. Do not use forage or fodder for animal feed. Do not apply more than a total of 6.7 gallons of NEMACUR 3 to each ratoon crop.