



United States Environmental Protection Agency Washington, DC 20460

Registration Amendment Other

OPP Identifier Number 223902

Application for Pesticide - Section I

1. Company/Product Number: 58246-1
2. EPA Product Manager: Karl Grable
3. Proposed Classification: None
4. Company/Product (Name): Nematrol
5. Name and Address of Applicant: Bob McBrayer, 4350 E. Acampo St., Acampo, CA 95229
6. Expedited Review: EPA Reg. No., Product Name

Section - II

Amendment - Explain below. Resubmission in response to Agency letter dated. Notification - Explain below. Final printed labels in response to Agency letter dated. "Me Too" Application. Other - Explain below.

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

The end-use product Nematrol qualifies for a reduced REI per PR Notice 95-3 dated June 7, 1995.

Section - III

1. Material This Product Will Be Packaged In: Child-Resistant Packaging, Unit Packaging, Water Soluble Packaging, 2. Type of Container: Metal, Plastic, Glass, Paper, Other. 3. Location of Net Contents Information: Label, Container. 4. Size(s) Retail Container. 5. Location of Label Directions: On Label, On Labeling accompanying product. 6. Manner in Which Label is Affixed to Product: Lithograph, Paper glued, Stenciled, Other.

Section - IV

1. Contact Point: Name: Ray Rodriguez, Title: Regulatory Consultant, Telephone No.: (301) 776-7418. Certification: I certify that the statements I have made on this form... 2. Signature: [Handwritten Signature], 3. Title: Regulatory Consultant, 4. Typed Name: Ray Rodriguez, 5. Date: 8-17-95, 6. Data Application Received (Stamped)

McBrayer

NEMATROL™

NEMATOCIDE

For Controlling Soil Nematodes

INGREDIENTS:

Ground sesame plant* 100%
*U.S. Patent No. 4442092

EPA REG. NO. 58246-1

EPA EST. NO. 58246-CA-1

KEEP OUT OF REACH OF CHILDREN

CAUTION

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS (& DOMESTIC ANIMALS)**

May cause irritation of skin, eyes, nose and throat. Avoid prolonged breathing of dust.

Applicators and other handlers must wear:

- A. Long sleeved shirt and long pants
- B. Shoes plus socks

Follow manufacturer's instructions for cleaning and maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

DIRECTIONS FOR USE

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

For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

3/4

Changed REI from 12 to 4 hrs

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This standard contains requirements for the protection of agricultural workers on farms, forest, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 4 - hours. EXCEPTION: if the product is soil injected or soil incorporated, the Workers Protection Standard, under certain circumstances, allows workers to enter the treated area if there will be no contact with anything that has been treated.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil or water is:

- Coveralls
- Waterproof gloves
- Shoes plus socks

Use this product on soils to control various plant nematodes such as: root knot, root-lesion, citrus, stubby-root, stilet, and dagger. The above nematodes, as well as others, appear in soil of field crops, vegetables, small fruits, nut trees, berries, deciduous fruits, citrus, grapes, and horticultural plants.

NEMATROL may be applied using any hand or power operated gravity or rotary type spreader designed for application of fibrous types of materials. **NEMATROL** may be used for pre-planting of annual plants or post-planting applications of annual, perennial or established plants or trees. Apply **NEMATROL** during the dormant season on permanent crops for best results.

NEMATROL is also suitable for treatment of individual trees and shrubs. See following table for recommended application rates.

PRE-PLANTING APPLICATION: For best results apply before each growing season or crop. Apply **NEMATROL** evenly over the entire area at a rate of 230 lbs./acre of treated soil (1/2 lb./100 square feet). Incorporate **NEMATROL** lightly into the soil to a depth of one to three inches by discing or other means, then plant crop as usual. See following table for recommended application rates.

POST-PLANTING APPLICATION: Apply **NEMATROL** as close to and around the plants as possible without damaging the plants at a rate of 230 lbs./acre of treated soil (1/2 lb./100 square feet). Incorporate into the soil with suitable equipment as close as possible to the plants without injuring the roots. An application of **NEMATROL** once per year is adequate to control nematodes. For recommended applications see following table.

[Faded table content]

Crop & Time of Application	Dosage Rate	Recommended Application
Row Crops Cotton, Soybean, Potatoes, Sugar Beets	Band 5 lbs. per 1000 ft. of row (This provides 74 lbs. per acre based on a 40" row and 12" band.)	AT-PLANTING: Apply NEMATROL in an 8-12 inch band along seed furrow. Seed depth dirt coverage is adequate for NEMATROL. Plant seed in or slightly below treated zone. POST-EMERGENCE: Side-dress NEMATROL 4-6 inches each side of plant row and incorporate into the top 3 inches of soil.
Vegetables Tomatoes, Bell Peppers, Squash, Strawberries, Egg plants, Cucumbers, Carrot, Radish, Turnips, Onion, Peas, Melons	Broadcast 230 lbs. per acre	In spring or fall just prior to or during post harvest tilling, a broadcast application over entire field may be used at 230 pounds of NEMATROL per acre. NEMATROL is to be incorporated into soil at one to four inches deep or lightly covered with soil.
Fruit & Nut Trees Grapes, Walnut, Almond, Orange, Grapefruit, Mulberry, Peach, Apple, Apricot, Blackberry, Loganberry, Pecan, Cherry, Plum, Cranberry	Band 26 lbs. per 1000 ft. of row using a 5 foot band (This provides 105 lbs. per acre based on a 20 foot row spacing and a 5 foot band.)	Apply in band along dripline on both sides of tree row by spreading NEMATROL uniformly and immediately working into soil from a one to three inch depth. Band width should equal one fourth tree row spacing. Also suitable for individual tree or shrub application. See directions under Ornamentals and Newly Planted Trees. Apply just prior to or during spring flush of foliage growth or during bud break of nut trees.
Newly Planted Trees Same as listed above. For trees 1-5 years old. Apply during bud break.	Individual Tree 2 ounce/tree (1 pint) in a 3 foot radius	Apply as a side-dress to individual trees by spreading NEMATROL uniformly around the tree to approximately a three-foot radius. Immediately work NEMATROL into the soil to a depth of one to three inches.
Ornamentals Boxwood Shrubs, Azalea, Dogwood, Redbud, Camellia, Gardenia, Magnolia	Individual Tree 1 ounce/unit (1/2 pint) in an 8- 12 inch radius	INDIVIDUAL & CONTAINERIZED APPLICATION: Hand sprinkle NEMATROL on top of soil around the plant and lightly work into the soil with a rake or other hand implement.
Terrestrial Non-food Crops Lawns, Sod Farms, Turf Farms, Parks and Golf Courses	Broadcast 230 lbs. per acre	Apply NEMATROL at the rate of 230 pounds per acre (1/2 lb./100 sq. ft.). Immediately water treated area to work NEMATROL into the soil.

NOTE: NEMATROL is activated by the presence of water, either by rainfall or by artificial application.

For Homeowner Use: The above application directions apply to use in vegetable gardens and individual plant requirements. NEMATROL may be broadcast over a vegetable garden either by hand or by the use of small rotary type fertilizer spreader and incorporated into the soil by use of hand rakes, garden tillers, power incorporators, finger weeders, scratchers, dragging chain or some similar device. One pint of product is approximately equal to two ounces of weight. As an example of a broadcast application over an area 10 feet x 10 feet (100 sq. feet), the equivalent of 1/2 pound or four pints should be used.

STORAGE & DISPOSAL

STORAGE: Avoid storing bags in areas of high moisture.

DISPOSAL: Empty bags may be disposed of in suitable solid waste disposal systems.

NET CONTENTS: 50 lbs. (22.7 kg)

BOB McBRAYER

Acampo, California 05220