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US ENVIRONMENTAL PROTECTION AGENCY OFFICE OF PESTICIDES PROGRAMS REGISTRATION DIVISION (75-767) WASHINGTON, D.C. 20460	EPA REGISTRATION 572-34	DATE OF ISSUANCE 1/17/90
	TERM OF ISSUANCE CONTINUING	
	NAME OF PESTICIDE PRODUCT ...	

NOTICE OF PESTICIDE REGISTRATION
 (Under the Federal Insecticide, Fungicide, and Rodenticide Act)

NAME AND ADDRESS OF REGISTRANT (Include ZIP codes)

250657 | 161
 1 | 18

NOTE: Changes in labeling formula differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above U.S. EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby Registered/Reregistered under the Federal Insecticide, Fungicide, and Rodenticide Act.

A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.

Registration is in no way to be construed as an indorsement or approval of this product by this Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right of exclusive use of the name or to its use if it has been covered by others.

subject to the condition in accordance with section 6(a) of the Act for shipment of the product consistent with the conditions of these conditions.

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

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ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL

DATE

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The deletion of postharvest use on cherry trees is not necessary. This is a postharvest application to the trees. The postharvest uses for benomyl which were withdrawn are those for postharvest application to the harvested fruit. If you wish to reinstate this use, submit an application for amended registration.

SL

Susan Lewis
Acting Product Manager (21)
Fungicide-Herbicide Branch
Registration Division (H7505C)

Enclosure

ROCKLAND

BENOMYL FUNGICIDE

- Systemic fungicide to be mixed with water for spray application.
- Controls listed diseases on Turf, Roses, Flowers, Ornamentals and certain fruits and vegetables.
- Provides both curative (eradicator) and protective action.

ACTIVE INGREDIENT:

Benomyl [Methyl 1-(butylcarbamoyl)-2-benzimidazole-carbamate]	50%
INERT INGREDIENTS.....	50%
	100%

KEEP OUT OF REACH OF CHILDREN

CAUTION

See back panel for additional precautionary statements.

NET WEIGHT OUNCES

ACCEPTED
with COMMENTS
in EPA Letter Dated:
JAN 17 1990

**Under the Federal Insecticide,
Fungicide, and Rodenticide Act as
amended, for the pesticide
registered under EPA Reg. No.**

512-3601

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8-11

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS: CAUTION! MAY IRRITATE EYES, NOSE, THROAT AND SKIN. Avoid breathing dust or spray mist. Avoid contact with skin, eyes and clothing. Wash thoroughly after using. 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. Protective clothing must be worn during periods of exposure. See Directions for Use. This product may cause a temporary allergic skin reaction in a few susceptible persons. This condition should be treated as an allergic dermatitis. There is no evidence of aftereffects or permanent injury.

FIRST AID: In case of contact, flush skin or eyes with plenty of water; for eyes, get medical attention.

ENVIRONMENTAL HAZARDS: This pesticide is toxic to fish. Do not apply directly to water. Do not apply where runoff is likely to occur. Drift and runoff from treated areas may be hazardous to fish in adjacent areas. Do not contaminate water when disposing of equipment washwaters. Do not apply when weather conditions favor drift from areas treated.

PHYSICAL OR CHEMICAL HAZARDS: Keep away from fire or sparks.

STATEMENT OF PRACTICAL TREATMENT

IF IN EYES: Flush with plenty of water. Get medical attention.
IF SWALLOWED: Drink promptly a large quantity of milk, egg whites, gelatin solution, or, if these are not available, drink large quantities of water. Avoid alcohol.
IF ON SKIN: Remove contaminated clothing. Wash affected area with soap and water. Launder clothing before reuse.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. This product is not to be applied through any type of irrigation system.

PROTECTIVE MEASURES: Always spray with your back to the wind. Wear long-sleeved shirt, long pants and rubber gloves. Wash gloves thoroughly with soap and water before removing. Change clothes immediately after using this product and launder separately from other laundry items before reuse. Shower immediately after use.

Do not enter or allow reentry into treated areas until sprays have dried unless wearing the protective clothing specified under Protective Measures. Add required amount of Benomyl to necessary volume of water in spray tank. Continuous agitation is required to keep the material in suspension.

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Apply as a spray, using sufficient water to obtain thorough coverage of the plants. Under severe disease conditions (when entire leaf is infected) use the higher rate and shorter interval specified for each crop. The addition of ROCKLAND SPREADER STICKER improves distribution of spray on hard-to-wet plants such as Roses. Consult your State Agricultural Extension Specialist for guidance on your particular crop and disease control situation.

TURF: For Dollar Spot, apply 1 oz. or 6 Tbsp per 1000 sq. ft. in enough water to cover the area. For Large Brown Patch, apply 2 oz. or 12 Tbsp. per 1000 sq. ft. For Stripe Smut, apply 6 oz. or 36 Tbsp per 1000 sq. ft. Apply at earliest appearance of disease and continue at 10-14 day intervals. Shorten intervals to 5-7 days when conditions are unusually favorable for disease development. For Stripe Smut, treat turf in Oct. or before grass begins to grow in Spring. After application, water sufficiently to carry product to base of plants.

ROSES, FLOWERS, ORNAMENTALS, SHADE TREES: GARDEN AND GREENHOUSE: Foliar Spray-Begin applications when disease first appears and repeat at 10-14 day intervals throughout the growing season; shorten interval during humid, rain weather. Use at the following rates: 1 Tablespoon per 2 gallons of water. For Powdery Mildew, Botrytis Gray Mold: 2 Tablespoons per 2 gallons of water. For Anthracnose (shade trees and woody ornamentals begin at bud break and make 2 or 3 additional applications at 10-14 day intervals); Black Spot of Roses; Cercospora, Entomosporium, Ramularia, and Septoria Leafspots; Ascochyta and Phomopsis blights; Didymella Leafspot of Iri; Cornespora Leafspot of Ligustrum; Cvulinia Blight of Azalea and Rhododendron (begin as flowers open); Scab of Pyracantha and Flowering Crab. The addition of ROCKLAND SPREADER STICKER to the spray mixture improves distribution of the spray on hard- to-wet plants such as Roses.

DRENCH TREATMENT: Botyitis, Fusarium, Rhizoctonia and Sceleretinia stem, crown and root rots on herbaceous annuals, perennials and bedding plants. Cylindrocadium

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and Thielaviopsis rots on woody ornamentals such as Azaleas, Rhododendrons, Conifers, and Poinsettias-Use 2 Tablespoons per 1 gallons of water; apply as a drench or heavy spray (1-2 pts. per sq. ft.) after transplanting into preparation beds or containers. Repeat at 2-4 week intervals during periods favorable for disease. Does not control Pythium spp. or Phytophthora spp.

PREPLANT DIP TREATMENT-For diseases listed under Drench Treatment, use 1 Tablespoon per gallon of water; immerse plants or cutting for 10-15 minutes; remove and allow to drain. BULBS-(Easter Lily, Tulip, Galadiolus, Daffodil, Iris): Fusarium and Penicillium Rots-Use 2 Tablespoons per 1 gallon of water. Soak cleaned bulbs for 15-30 minutes in warm dip (80-85⁰F.), preferable within 48 hours after digging. Dry bulbs after treatment. If bulbs are for forcing, treat after bulbs have been heat-cured.

VEGETABLES: TOMATOES - (Garden and Greenhouse): Apply 1 to 2 Tbsp. per gallon of water to control Gray Mold (Botrytis), Leaf Mold (Cladosporium), White Mold (Sclerotinia), Cercospora Leaf spot, Phoma Leaf spot. Begin applications when disease first appears and repeat at 7-14 day intervals as needed.

BEANS (SOYBEAN AND LIMA): TO CONTROL WHITE MOLD (SCLEROTINIA), Gray Mold (Botrytis) apply 1 1/2 to 2 Tbsp. per gallon of water at 25% to 50% bloom; repeat at peak bloom. Do not apply within 14 days of harvest (Lima Beans within 28 days of harvest.).

CELERY: Early Blight (Cercospora), Late Blight (Septoria); apply 1 to 2 Tablespoon per gallon of water. Begin when disease first appears and repeat at 7 to 10 day intervals. Do not apply within 7 days of harvest.

CUCUMBERS, MELONS, PUMPKINS, SUMMER AND WINTER SQUASH: Apply 1 to 2 Tablespoon per gallon of water for Target Spot (Cucumbers), Gummy Stem Blight, Powdery Mildew, Anthracnose. Begin applications when plants begin to run or when disease first appears and repeat at 7-14 day intervals.

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day intervals as needed. For Target Spot, use 7 day intervals as needed.

FRUIT TREES - APPLES & PEARS : Apply 1/4 to 1/3 Tbsp. per gallon of water for Powdery Mildew, Scab, Sooty Blotch and Flyspeck. Apply at 1/2" green tip and repeat at 7-14 day intervals (or as needed through cover sprays. If an application is missed during an infection period, use 1/3 Tbsp. per gallon and apply as soon as possible after the infection period, in order to deactivate scab and to prevent further infection.

PEACHES AND CHERRIES: Treatment is most effective if applied just before rainfall. Use 1/2 Tablespoon per gallon of water. For Brown Rot Blossom Blight, apply Peaches at pink bud; on Cherries at early popcorn. Make 2nd application at 3/4 full bloom. If blossoming is prolonged or favorable conditions persist, apply at petal fall. For Fruit Brown Rot, after Blossom blight sprays, make 2 preharvest applications anytime from 3 weeks before harvest to day of harvest. For Peach Scab, Powdery Mildew, use Blossom Blight spray schedule plus applications at shuck split, shuck fall and 14 days later. For Cherry Leaf Spot, use Blossom Blight spray schedule and continue at 10-14 day intervals through harvest. (Make an additional application

~~2-3 weeks after harvest. To help control resistant strains of fungi on Apples, Peaches, add 3/4 teaspoon ROCKLAND MANEB FUNGICIDE or ROCKLAND CAPTAN FUNGICIDE per gallon of spray; on Cherries, add 3/4 teaspoon ROCKLAND CAPTAN FUNGICIDE per gallon of spray.~~

Do not graze livestock in treated orchards.

STRAWBERRIES: Gray Mold (Botrytis), Powdery Mildew, Leaf Scorch, Leaf Blight, Mycosphaerella Leaf Spot: Use 1 Tablespoon per gallon at 10% bloom and at full bloom; continue at 10-14 day intervals using 1/2 Tablespoon per gallon of water; apply 1/2 gallon per 1000 sq. ft. For Anthracnose, apply 1 Tablespoon per gallon when plants are established and repeat at 7 day intervals.

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STORAGE AND DISPOSAL

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

STORAGE: Store unused material, in original container only, in a locked storage area out of reach of children and animals. Keep container tightly closed. Never allow product to become wet during storage. This may lead to certain chemical changes which will reduce the effectiveness as a fungicide.

DISPOSAL: Do not reuse empty container. Securely wrap in several layers of newspaper and discard in trash.

WARRANTY: Seller makes no warranty, expressed or implied, concerning the use of this product other than indicated on the label. Buyer assumes all risk and/or handling of this material when such use and/or handling is contrary to label instructions.

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EPA EST. No. 572-XX-1