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U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division (H7505C)
401 "M" St., S.W.
Washington, D.C. 20460

EPA Reg. Number:
5887-154

Date of Issuance:
JUL 19 1993

NOTICE OF PESTICIDE:
 Registration
 Reregistration

Term of Issuance: Conditional

(under FIFRA, as amended)

Name of Pesticide Product: Black
Leaf Maneb Fungicide

Name and Address of Registrant (include ZIP Code):

Wilbur-Ellis Company
P.O. Box 9518
Fresno, CA 93792

Note: Changes in labeling 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 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.

Registration is in no way to be construed as an endorsement or recommendation of this product by the 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 to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA sec. 3(c)(7)(A) 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; and submit acceptable responses required for reregistration of your product under FIFRA section 4.
2. Revise the label by the following:
 - a. Add the phrase "EPA Registration No. 5887-154".
 - b. Under Environmental Hazards, in the third sentence, delete "...or wetlands (swamps, bogs, marshes, and potholes)."
 - c. Under the directions for use on potatoes, you may add the states of Delaware, Michigan, Ohio and Rhode Island, to the list of states with a three day preharvest interval.
 - d. Add the phrase "If this product is used on a crop, no other product containing a different EBDC active ingredient may be used on the same crop during the same growing season."

Signature of Approving Official:

Charles O. Lewis, III

Date:

JUL 19 1993

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3. Submit five copies of the final printed label for the record.

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 constitutes acceptance of these conditions.

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

JUL 19 1993

Black Leaf (R)

Maneb Fungicide

Effective for control of black spot on roses

Controls many plant diseases or fungi on grapes, tomatoes, and other garden plants

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

5887-154

ACTIVE INGREDIENT:

Maneb (manganese ethylenebisdithiocarbamate).....	80.0%
(equivalent to manganese metallic 16.5%)	
INERT INGREDIENTS.....	20.0%
TOTAL.....	100.0%

KEEP OUT OF REACH OF CHILDREN

CAUTION

See additional precautionary and practical treatment statements on right panel.

EPA REG. NO. 5887-38
EPA EST. NO. 70-KY-1
NET WT 5.5 OZ (155 g)

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

CAUTION: May irritate eyes, nose, throat, or skin. May be harmful if inhaled or swallowed. Avoid breathing dust or spray mist. Avoid contact with eyes, skin, or clothing. Store away from children, domestic animals or foodstuffs.

PROTECTIVE MEASURES: Always spray with your back to the wind. Home gardeners applying this product must wear a long-sleeved shirt, long pants, and chemical-resistant gloves. The gloves must be washed thoroughly with soap and water before removing. Clothes must be changed immediately after using this EBDC product and must be laundered separately from other laundry items before reuse.

STATEMENTS OF PRACTICAL TREATMENT

IF IN EYES: Flush with plenty of water. Get medical attention.

IF ON SKIN: Flush with plenty of water.

ENVIRONMENTAL HAZARDS

This product is toxic to fish. Drift and runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not apply directly to water or wetlands (swamps, bogs, marshes, and potholes). Do not contaminate water when disposing of equipment washwaters.

PHYSICAL/CHEMICAL HAZARDS

Keep away from fire or sparks.

DIRECTIONS FOR USE

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

Mix **BLACK LEAF MANEB FUNGICIDE** with water, using 2 level teaspoonfuls for each gallon of spray desired, unless otherwise indicated. If foliage is difficult to wet, add 8 to 10 drops of a spreader-sticker to each gallon. You may also add most **BLACK LEAF** insecticides to this spray mixture, in order to control both fungi and other plant pests.

Spray plants thoroughly, applying to bottom and top surfaces of foliage, and to the fruit. Always start these applications before the diseases are apparent, and by making applications at the indicated day intervals, you will protect your plants through the growing season. Where there is a severe outbreak, use the shorter interval between applications, if applicable. Please note all restrictions for each crop listed.

CAN BE USED TO CONTROL FUNGI ON VEGETABLES, GRAPES, AND ROSES

✓ **CABBAGE** (including Chinese cabbage, tight-headed varieties only): **Alternaria Leaf Spot** and **Downy Mildew** - Do not exceed 1/2 gallon of spray mixture per 50 feet of row. Apply as soon as disease threatens and repeat at 7-10 day intervals. Do not exceed 6 applications per season. Do not apply within 7 days of harvest.

✓ **CUCUMBERS**: **Anthrachnose** and **Downy Mildew** - Do not exceed 1/2 gallon of spray mixture per 100 sq. ft. of area. Begin when runners form and repeat at 7-10 day intervals as needed. Do not exceed 8 applications per season. Do not apply within 5 days of harvest.

✓ **LETTUCE** (head & leaf): **Downy Mildew** - Do not exceed 1/2 gallon of spray mixture per 50 feet of row. Apply when disease first appears and repeat at 7 to 10 day intervals. Do not apply more than 6 applications per season, except in California, 4 applications. Do not apply within 10 days of harvest, 14 days in California. Remove residues from head lettuce by stripping and trimming and from leaf lettuce and endive by washing or other effective means.

✓ **POTATOES**: **Early Blight** and **Late Blight**. Do not exceed 1/2 gallon of spray mixture per 50 feet of row. Begin application when plants are 2-6 inches high and repeat every 5 to 10 days with up to 7 applications per season. Do not apply within 3 days of harvest in Connecticut, Florida, Maine, Massachusetts, New Hampshire, New York, Pennsylvania, Vermont and Wisconsin and at least 14 days elsewhere. It is recommended that this

product be used within an Integrated Pest Management Program. Also, vine-kill should occur 14 days before harvest.

✓ **TOMATOES:** Anthracnose, Early Blight, Gray leaf Spot (Stemphylium), Late Blight, and Septoria Leaf Spot - In states west of the Mississippi River do not exceed 1/2 gallon of spray mixture per 50 feet of row and 4 applications per season. In states east of the Mississippi River, do not exceed 1/2 gallon of spray mixture per 33 feet of row and 7 applications per season. Start applications when first cluster fruit is well formed and repeat at 7 to 10 day intervals. Do not apply within 5 days of harvest.

✓ **GRAPES:** (Great Lakes area): Black Rot - Use 3 teaspoons per gallon of water starting when new shoots are 8 to 10 inches long (pre-bloom) and continue with remaining applications just after bloom. East of Rocky Mountains. Do not exceed 2 1/4 gallons of spray mixture per 500 sq. ft. Apply at intervals of 7 to 10 days. Do not make more than 6 applications per season. Do not apply within 66 days of harvest. West of Rocky Mountains. Use 2 teaspoons of this product per gallon of water. Do not exceed 2 1/4 gallons of spray mixture per 500 sq. ft. Apply at 7 to 10 day intervals not exceeding 3 applications per season. Begin spraying when new shoots are 8 to 10 inches long (pre-bloom) and continue with the last two applications just after bloom. Do not apply with 66 days of harvest except in California where no treatment may occur after bloom.

ROSES: Black Spot - Use this product at a rate of 2-3 teaspoons (tsp.) per gallon of spray. Begin applications when the first leaves unfold, and repeat at weekly intervals.

This net wt. 5.5 oz. container will make up to 44 gallons of spray. This container is sold by weight and not by volume. If it does not appear full when opened, it is because contents have settled during shipping and handling.

STORAGE AND DISPOSAL

Storage: Keep in tightly closed original container in a cool, dry, locked area away from children and domestic animals. If damaged, leaking, or spilled, sweep up and wrap waste, then dispose of as below. **Disposal:** Do not reuse empty container. Securely wrap in several layers of newspaper and discard in trash.

NOTICE: Buyer assumes all risks of use, storage, or handling of this material not in strict accordance with directions given herewith.

DISTRIBUTED BY
BLACK LEAF PRODUCTS, A Division of Wilbur-Ellis Co.

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BLACK LEAF MANEB FUNGICIDE (bleaf/manebr)

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BUCKNER, KENTUCKY 40010
B-392 Made in U.S.A.

UPC CODE#76842 00310

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