



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

EPA Reg. Number:

Date of Issuance:

5887-162

MAY 12 1995

NOTICE OF PESTICIDE:
 x Registration
 Reregistration

Term of Issuance: Until Reregistration

(Under FIFRA, as amended)

Name of Pesticide Product:

Black Leaf Liquid Fruit Tree Spray With 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/reregistration 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 or other material required for registration/reregistration of your product under FIFRA sec. 3(c)(5) or FIFRA sec. 4 when the Agency requires all registrants of similar products to submit such data.
2. Add the phrase EPA Registration No. "5887-162" to your label before you release the product for shipment.
3. Add the following statement to the Statement of Practical Treatment:
"If on skin: Wash with plenty of soap and water. Get medical attention if irritation persists."

Signature of Approving Official: *DHE*
Dennis H. Edwards, Product Manager (19)
Insecticide Branch Rodenticide Branch
Registration Division (7505C)

Date:

MAY 12 1995

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4. Submit five (5) copies of your final printed labeling before you release the product for shipment. Refer to the A-79 enclosure for a further description of final printed labeling.

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.

Sincerely,

DHE

Dennis H. Edwards, Jr.
Product Manager 19
Insecticide-Rodenticide Branch
Registration Division (H7505C)

Enclosure

ACCEPTED
with COMMENTS
in EPA Letter Dated

MAY 12 1995

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.
5887-162

BLACK LEAF^(R)

LIQUID FRUIT TREE SPRAY WITH FUNGICIDE

Protects fruit and trees 5 ways!

A complete, water-sprayable concentrate containing Insecticide, Fungicide, Aphicide, Miticide, and Scalicide for broad-spectrum kill that saves the fruit for you.

ACTIVE INGREDIENTS:

*Methoxychlor [1,1,1-trichloro-2,2-bis (p-methoxyphenyl) ethane].....	12.00%
Malathion [0,0-dimethyl phosphorodithioate of diethyl mercaptosuccinate].....	6.00%
Carbaryl [1-naphthyl N-methylcarbamate].....	0.30%
Captan [N-trichloromethyl thio-4-cyclohexene-1, 2-dicarboximide].....	11.74%
Related Derivatives.....	0.26%
INERT INGREDIENTS.....	69.70%
	TOTAL...100.00%

Contains xylene-range aromatic solvent.

*Equivalent to 10.56% 2,2-bis (p-methoxyphenyl)-1,1,1-trichloro-ethane and 1.44% of other isomers and related compounds.

KEEP OUT OF REACH OF CHILDREN (10 pt)

DANGER (14 pt)

See additional precautionary and practical treatment statements on back panel.

EPA Reg. No. 5887-RAE

EPA Est. No. 70-KY-1

NET CONTENTS 8 FL OZ (236 ml), (NET CONTENTS 16 FL OZ (1 PT) 473 ml,

NET CONTENTS 32 FL OZ (1 QT) 946 ml)

[back label]

The complete, easy-to-use concentrate that mixes with water instantly; no plugged nozzles; no messy powders to handle, measure or mix; no pre-mixing or straining necessary.

Designed especially for home orchards only to protect Apples, Cherries, Grapes and Peaches from the ravages of insects and diseases listed below.

Directions for Use

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

BEFORE USING THIS PRODUCT, READ CAREFULLY THE COMPLETE PRECAUTIONS & DIRECTIONS FOR USE ON THE LABEL.

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INSECTS AND DISEASES CONTROLLED

APPLES: Aphids (Woolly Apple, Green Apple, and Rosy Apple), Apple Maggots, Bud Moths, Codling Moths, Eastern Tent Caterpillars, Forbes Scales, Japanese Beetles, Leafhoppers, Mealybugs, Mites (Clover, European Red, Two-Spotted Spider, and Willamette), Plum Curculios, and Red-Banded Leaf Rollers.

Bitterrot, Black Rot (Frogeye), Potryosphaeria Rot, Botrytis (Blossom- End) Rot, Brooks Fruit Spot, Fly Speck, Scab and Sooty Blotch.

CHERRIES: Black Cherry Aphids, Cherry Fruit Flies, Cherry Fruit Worms, Fruit Tree Leaf Rollers, Japanese Beetles, and Plum Curculios. Black Rot, Botrytis (Bunch) Rot, and Downy Mildew.

GRAPES: Flea Beetles, Grape Berry Moths, Japanese Beetles, Leafhoppers, Mealybugs, and Spider Mites.

Black Rot, Downy Mildew (berries only), Botrytis rot.

PEACHES: Aphids (Black Cherry, Black Peach, European Red, Green Peach, and Rusty Plum), Cottony Peach Scales, Japanese Beetles, Oriental Fruit Moths, Plum Curculios, Spider Mites, and Terrapin Scales.

Brown Rot (Blossom Blight), Coryneum Blight (Peach Blight), Shothole, Scab.

SHAKE PRODUCT THOROUGHLY BEFORE USING. Contains extremely fine particles which settle upon standing, and require reblending by agitation. Choose a cool, calm period, preferably early morning or evening, when trees will not be subjected to hot, direct rays of the sun. Do not apply if rain is expected before leaf surfaces dry. It is easier to prevent insects and scale damage than to cure them, therefore a preventative 10-14 day spray schedule is recommended. When insects are seen, shorten spray intervals to 5-7 days.

Apply spray to leaves, fruit, branches, trunk, and base of the tree until lightly dripping. Spray 1-2 pints per small/dwarf tree, 1-2 quarts per medium size tree, and 1-3 gallons per large/mature tree. Shake sprayer occasionally (or agitate) to keep spray particles in suspension during application. Follow spray schedule given in spray chart, using tablespoonfuls (15 ml) per gallon (3.8 L) of water. Observe precautionary statements and cautions for fruit to be treated.

SPRAY CHART

Add amount indicated below to 1 gal. water. (1 tablespoonful (T.) = 1/2 fl oz = 15 ml)

TREE STAGE	APPLE*	CHERRY	GRAPE*	PEACH
Dormant	Use a dormant oil spray up to 7 days before green tip application.			
Start and repeat spraying at 10 day intervals until bloom.				
Green tip	1 1/2 T.	1 1/2 T.	1 1/2 T.	1 1/2 T.
Pre-bloom	2 1/2 T.	1 1/2 T.	2 1/2 T.	1 1/2 T.
Full pink	2 1/2 T.	2 1/2 T.	2 1/2 T.	2 1/2 T.
Bloom	Don't spray pollinators. Fungicide alone may be applied for disease.			

Repeat at 14 day intervals; stop at days before harvest shown below.

Petal fall	2 1/2 T.	2 1/2 T.	2 1/2 T.	2 1/2 T.
1st cover	2 1/2 T.	2 1/2 T.	2 1/2 T.	2 1/2 T.
2nd to Harvest	2 1/2 T.	2 1/2 T.	2 1/2 T.	2 1/2 T.

Stop spraying 14 days before harvest of Apples, Cherries or Grapes; 21 days before for Peaches; 7 days before for Pears.

Post Harvest	1 1/2 T.	1 1/2 T.	1 1/2 T.	2 1/2 T.
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*NOTE: Malathion may injure foliage on some varieties of Apples, and Grapes.

Definitions of terms

- Dormant - absence of growth in fall, winter, or spring.
- Green tip - when branch tips show green tissue.
- Pre-bloom - when blossom buds begin to show color.
- Full pink - when blossom buds show full color before opening.
- Bloom - when blossoms are open.
- Petal fall - when last petals have fallen from blossom.
- 1st cover - 7 to 10 days after petal fall.
- 2nd cover - to cut-off date before harvest.
- Post harvest - to leaf drop.

STORAGE AND DISPOSAL

Storage: Keep in upright, tightly closed original container in a cool, dry, locked area away from children and domestic pets.

Pesticide Disposal: Securely wrap original container in several layers of newspaper and discard in trash.

Container Disposal: Do not reuse empty container. Rinse original container thoroughly, then securely wrap in several layers of newspaper and discard in trash.

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

DANGER: Causes irreversible eye damage. Harmful if swallowed or inhaled. May cause allergic skin reactions. Do not get in eyes. Avoid contact with skin or clothing.

Statement of Practical Treatment

If in eyes: Flush eyes immediately with water. Remove any contact lenses, then hold eyelids open and flush eyes with plenty of water. Call a physician.

If swallowed: Call a physician or Poison Control Center. 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 inhaled: If ill or unconscious, remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention.

Environmental Hazards

This pesticide is extremely toxic to aquatic invertebrates, and toxic to fish and aquatic life stages of amphibians. Do not apply directly to water. Drift and runoff may be hazardous to aquatic organisms in areas near the application site. Do not contaminate water when disposing of equipment washwaters.

This product is highly toxic to bees exposed to direct treatment on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds if bees are visiting the treatment area.

Physical/Chemical Hazards

Do not use or store near heat or open flame.

DISTRIBUTED BY

BLACK LEAF PRODUCTS, A Division of Wilbur-Ellis Company
BUCKNER, KENTUCKY 40010

B-595

Made in U.S.A.