

05 MAR 1992

Filomena King  
Reckitt & Colman Household Products  
1655 Valley Road; P.O. Box 941  
Wayne, NJ 07474-0941

Dear Ms. King:

Subject: Label changes  
Black Flag House & Garden Insect Killer  
EPA Reg. No. 475-214  
Submission: February 12, 1992

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable subject to the comments listed below. One copy of the finished labeling must be submitted prior to releasing the product for shipment.

1. Claims such as fast knockdown, fast kill, proven effective, kills german cockroaches must be substantiated by product specific efficacy data. We understand you have data supporting the claims included in your labeling.

2. The term "new" may be used for the first six months of marketing of the new pine fragrance formula.

Refer to our letter of March 2 concerning the declaration of active ingredients in this pesticide.

Sincerely,

*RFM*  
Richard F. Mountfort  
Product Manager 10  
Insecticide/Rodenticide Branch  
Registration Division (H7505C)

**BLACK  
FLAG**

New Formula:  
Water based formula  
Pine solvent oil (for use with pine alternate formula)  
Unscented formula (for use with basic formula)  
Fast knockdown  
Fast kill  
Proven effective  
Guaranteed to work or your money back  
No unpleasant (residual) odor  
Non-staining  
No sticky mess  
No lingering odor  
Won't stain carpets, drapes or upholstery  
Kills German cockroaches

# HOUSE & GARDEN INSECT KILLER

FORMULAS

Kills Common Household Pests:  
House Flies, Mosquitoes, Cockroaches, Firebrats,  
and others listed on back panel.

Kills Common Plant Pests on Ornamentals:  
Japanese Beetles, Aphids, Mealybugs, Tent  
Caterpillars, and others listed  
on back panel.

**ACTIVE INGREDIENTS:**

Tetramethrin [(1-Cyclohexene-1,2-dicarboximido)  
methyl 2, 2-dimethyl-3-(2-methylpropenyl)  
cyclopropanecarboxylate] 0.200%  
\*3-Phenoxybenzyl d-cis and trans\*\*2, 2-dimethyl-  
3-(2-methylpropenyl) cyclopropanecarboxylate 0.191%  
\*Other isomers 0.009%

**INERT INGREDIENTS:**

99.600%  
100.000%

\*d-cis trans phenothrin  
\*\*cis/trans isomer ratio max. 25% (+ or -) cis  
min. 75% (+ or -) trans

**CAUTION: KEEP OUT OF REACH OF CHILDREN**  
See back panel for additional precautionary statements

**NET WT 12 OZ (340g)**

**BLACK  
FLAG**

## HOUSE AND GARDEN INSECT KILLER FORMULAS

**PRECAUTIONARY STATEMENTS**

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

**CAUTION:** Harmful if swallowed or absorbed through skin. Avoid breathing vapors. Avoid contact with eyes, skin or clothing. In case of contact, immediately flush eyes and skin with plenty of water. Get medical attention if irritation persists.  
Do not use in commercial food processing, storage, preparation or serving area. In the home, all food processing surfaces and utensils should be covered during treatment, or thoroughly washed before use. Cover exposed food.  
Remove pets, birds and cover fish aquariums before spraying.

**ENVIRONMENTAL HAZARDS**

This pesticide is toxic to fish. Keep out of lakes, ponds or streams. Do not contaminate water by cleaning of equipment or disposal of wastes.

**PHYSICAL HAZARDS**

Contents under pressure. Do not use or store near heat or open flame. Do not puncture or incinerate container. Exposure to temperatures above 130°F may cause bursting.

**FOR HOUSEHOLD USE ONLY - DIRECTIONS FOR USE**

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

**STORAGE AND DISPOSAL**

Storage: Store in a cool area away from heat or open flame.  
Disposal: Do not reuse empty container. Wrap container and put in trash collection.

SHAKE BEFORE USE. HOLD CONTAINER UPRIGHT. APPLY IN SHORT BURSTS.

**INDOORS**

**To Kill Flies, Mosquitoes, Small Flying Moths, Gnats and Wasps:** Close all doors and windows and direct spray upward into center of room with a slow sweeping motion. Spray 5-10 seconds for average room. Keep room closed for 15 minutes after spraying. Ventilate room thoroughly before re-entry. Sweep up taken insects.

**To Kill Cockroaches, Ants and Crickets:** Contact as many insects as possible with the spray in addition to thorough spraying of all parts of the room suspected of harboring these pests. Special attention should be paid to cracks, hidden surfaces under sinks, behind stoves and refrigerators, food storage areas and wherever these pests are suspected of hiding. To kill ants, treat floors, around window frames and trails and other areas of entry. Repeat as necessary.

**To Kill Carpet Beetles:** Directly spray as many insects as possible. Spray both interior and exterior of upholstered furniture. Both top and bottom of rugs and carpets should be sprayed thoroughly. Also treat shelves, closets, areas under furniture and wherever these insects are seen or suspected. Repeat as necessary.

**To Kill Exposed Forms of Confused Flour Beetles, Saw-toothed Grain Beetles, and Rice Weevils:** Find and destroy infested package goods. Remove all other items from pantry. Spray the shelves to kill any of the named insects present. Place clean paper on the shelves and return packages after shelves have dried. Repeat as necessary.

**To Kill Sawflies, Centipedes, Firebrats and Spiders:** Contact as many insects as possible with the spray. Also thoroughly spray all parts of the room suspected of harboring these pests. Special attention should be paid to cracks, crevices, hidden surfaces under sinks, behind stoves and refrigerators.

**To Kill Fleas and Brown Dog Ticks:** Remove and destroy old pet bedding. Spray sleeping quarters of pets, around baseboards, window and door frames, wall cracks and local areas of floor. Repeat as necessary. Do not spray animals. Put fresh bedding in pet's quarters after spray has dried. Also treat dogs and cats with a registered flea and tick control product before allowing them to enter treated area.

**OUTDOORS**

**To Reduce Annoyance of Houseflies, Mosquitoes, Gnats and Small Flying Moths:** Spray area infested with these flying insects. Hold container 18-25 inches from shrubs, bushes and grassy areas. Spray these areas with a slow sweeping motion at the rate of 1 to 3 seconds per cubic yard of space while moving away from the treated areas. To reduce annoyance from these pests, treat open porches and patios in a similar manner. Spray only when the air is still. Allow spray to dissipate before occupying the treated area. Repeat as necessary.

**To Kill Ornamental Plant Pests Listed Below:**

General: When sprayed directly on insects, this spray will kill the insects listed. Caution should be taken when spraying new tender growth on young plants.

**WHEN SPRAYING HOLD CAN 18-24 INCHES FROM PLANT.**

For best results, spray in the evening or on a cloudy day when air is still. Mist the plant lightly. Use a slow sweeping motion. Avoid wetting foliage with spray. Spray rows at the rate of 1 foot per second. For heavy growth, spray both sides of row. Repeat as needed. Do not spray when temperatures exceed 90°F.

SPRAY CHART			
INSECT	PLANT	INSECT	PLANT
Eastern Tent Caterpillar	Ornamental Cherry	Spider Mites	Rose
Aphid	Spiraea, Rose, Grape Myrtle	Japanese Beetle	Rose
Leafhopper	Rose	Mealybug	Chrysanthemum
White Flies	Rose, Crabapple, Ornamental Cherry, Spirea, Gardenia, Chrysanthemum	Purple Passion Vine	
		Ants	Pearl
		Caterpillar	Oleander



Reckitt & Colman household Prod., Wayne, NJ  
EPA Reg No. 475-214  
EPA Ex 475-GA-1

ACCEPTED  
with COMMENTS  
In EPA Letter Dated  
05 MAR 1992

**BEST AVAILABLE COPY**

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

475-214