



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

NOV 21 1994

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

CHARLES H. SVEC
MILLER CHEMICAL & FERTILIZER CORP.
PRATT-GABRIEL DIVISION
BOX 333
HANOVER, PA. 17331

Subject: Label Amendment Submission of 6/22/94 in Response to PR Notice 93-7
EPA Reg. No. 904-424
RESMETHRIN EC 26 INSECT SPRAY

IMPORTANT NOTICE: This Letter Requires You to Submit a Notification to the Office of Compliance Monitoring within 20 Days.

Dear Registrant:

The labeling cited above and submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is accepted subject to the comments listed on the enclosed sheet. A copy of your proposed labeling stamped "ACCEPTED WITH COMMENTS" is enclosed.

SERIOUS ERROR(S) ON SUBMITTED LABELING:

EPA has determined that one or more of the errors on the labeling you submitted to the Agency is categorized as "serious" as defined in PR Notice 93-11. In general, serious errors are those that may create a potential for harm to workers, handlers, other persons, or the environment; or those that prevent the achievement of the basic goals of the Worker Protection Standard (WPS) or FIFRA.

YOU MUST NOT SELL OR DISTRIBUTE (INCLUDING RELEASE FOR SHIPMENT) ANY PRODUCT BEARING THE SUBMITTED LABELING. Sale or distribution of any product with the incorrect labeling is a violation of FIFRA that could result in initiation of an action for civil penalties and/or cancellation of your product. This matter has been referred to the Office of Compliance Monitoring (OCM) for further action.

YOU MUST SUBMIT A NOTIFICATION TO THE OFFICE OF COMPLIANCE MONITORING WITHIN 20 DAYS OF THE DATE OF THIS LETTER.



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Printed with Soy/Canola Ink on paper that
contains at least 50% recycled fiber

P11110

904-424

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Each notification must include the following information:

1. Registrant's name and address.
2. EPA Registration number of the product for which the labeling was submitted.
3. Whether any product already has been sold or distributed (this includes released for shipment) bearing the submitted labeling.

In addition, the notification must include the following information, IF you have already sold or distributed any product bearing the submitted labeling:

1. Quantity of the product that has been sold or distributed.
2. EPA Producing Establishment number.
3. Location of the product, if known.
4. Proposed plan for assuring that product with the incorrect labeling in your control, as well as that in the hands of dealers/distributors/users, will be corrected. The plan must include your proposal for assuring that the labeling is corrected as soon as possible.

Submit the notification to:

Michael Wood, Director
Compliance Division, (7203)
Worker Protection Notification
Office of Compliance Monitoring
U.S. Environmental Protection Agency
401 M Street SW
Washington, DC 20460

Failure to submit a notification also may result in initiation of an action under FIFRA for civil penalties, if you sold or distributed (this includes released for shipment) product bearing the incorrect labeling.

IN ADDITION, YOU SHOULD CONTACT IMMEDIATELY THE PERSONS TO WHOM YOU SOLD OR DISTRIBUTED YOUR PRODUCT AND INFORM THEM NOT TO SELL OR DISTRIBUTE ANY PRODUCT WITH THE INCORRECT LABELING.

WHAT THIS ACCEPTANCE MEANS:

Based on your certification, the Agency has accepted the labeling changes that are necessary to comply with the WPS labeling requirements of 40 CFR part 156, subpart K, described in PR Notices 93-7 and 93-11. Any other labeling changes submitted in connection with this amendment application but not directly related to compliance with the WPS have neither been reviewed nor accepted by the Agency. If you wish to make such changes, you must submit a separate amendment application proposing them. If your product is currently suspended, the acceptance of this labeling amendment does not affect the suspension in any way.

WHAT YOU NEED TO DO NEXT:

Submit the required notification. Then by the next label printing make all the specified changes to your labeling. Send to EPA one (1) copy of the final printed labeling:

- **BEFORE** selling or distributing any product bearing the final printed labeling as amended

AND

- **WITHIN** one year from date of this acceptance.

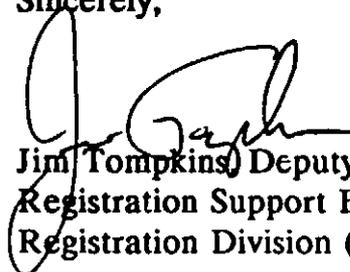
Submit the final printed labeling via the U.S. Postal Service to:

Document Processing Desk (FIN-LABEL)
Office of Pesticide Programs (7505C)
U.S. Environmental Protection Agency
401 M Street, SW
Washington, D.C. 20460-0001

Hand or courier deliveries of final labeling may be made to:

Document Processing Desk (FIN-LABEL)
Office of Pesticide Programs
Room 266A, Crystal Mall 2
1921 Jefferson Davis Highway
Arlington, VA 22202

Sincerely,



Jim Tompkins Deputy Chief
Registration Support Branch
Registration Division (7505W)

Attachment

cc: Office of Compliance Monitoring

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division

Charles H. Svec
MILLER CHEMICAL & FERTILIZER CORP.
PRATT-GABRIEL DIVISION
BOX 333
HANOVER, PA 17331

Comment for: EPA Reg Nr.904-424
RESMETHRIN EC 26 INSECT SPRAY

The following specific comments pertain to your WPS labeling submission concerning the product cited above:

User Safety Recommendations must either be placed in a box or printed on the label in a contrasting color from surrounding text.

The apron requirement for "applicators and other handlers" in the Personal Protective Equipment" section on your proposed labeling is missing or incorrect. Remove the incorrect requirement (if any) and add: "Chemical-resistant apron when cleaning equipment, mixing or loading." EXCEPTION: If you have an entirely separate PPE section specifying what "Mixers and loaders must wear," the apron requirement under the header "Applicators and other handlers must wear" is: "Chemical-resistant apron when cleaning equipment". The exact location is shown in Sections A and B on Part I of the Product Worksheet in Supplement Three-A to PR Notice 93-7.

The bodywear requirement for "applicators and other handlers" in the "Personal Protective Equipment" section on your proposed labeling is missing or incorrect. Remove the incorrect requirement (if any) and add "Coveralls over short-sleeved shirt and short pants." The exact location is shown in Sections A and B on Part I of the Product Worksheet in Supplement Three-A to PR Notice 93-7.

The footwear requirement for "applicators and other handlers" in the Personal Protective Equipment" section on your proposed labeling is missing or incorrect. Remove the incorrect requirement (if any) and add "Chemical-resistant footwear plus socks." The exact location is shown in Sections A and B on Part I of the Product Worksheet in Supplement Three-A to PR Notice 93-7

The headgear requirement for "applicators and other handlers" in

MILLER CHEMICAL & FERTILIZER CORP.
EPA Reg. Number: 904-424
RESMETHRIN EC 26 INSECT SPRAY
Application date: 06/22/94
Original Submission

the "Personal Protective Equipment" section on your proposed labeling is missing or incorrect. Remove the incorrect requirement (if any) and add "Chemical-resistant headgear for overhead exposure". The exact location is shown in Sections A and B on Part I of the Product Worksheet in Supplement Three-A to PR Notice 93-7.

The bodywear requirement for early entry in the Agricultural Use Requirements box on your proposed labeling is missing or incorrect. Remove the incorrect requirement (if any) and add "Coveralls over short-sleeved shirt and short pants". The exact location is shown in Sections F and G on Part 2 of the Product Worksheet in Supplement Three-A to PR Notice 93-7.

The footwear requirement for early entry in the Agricultural Use Requirements box on your proposed labeling is missing or incorrect. Remove the incorrect requirement (if any) and add "Chemical-resistant footwear plus socks." The exact location is shown in Sections F and G on Part 2 of the Product Worksheet in Supplement Three-A to PR Notice 93-7.

The headgear requirement for early entry in the Agricultural Use Requirements box on your proposed labeling is missing or incorrect. Remove the incorrect requirement (if any) and add "Chemical-resistant headgear for overhead exposure." The exact location is shown in Sections F and G on Part 2 of the Product Worksheet in Supplement Three-A to PR Notice 93-7.

Delete the Nonagricultural Use Requirements box on your proposed label.

Delete the crossed-out statements on your proposed label. They are redundant statements or phrases.

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**KEEP FROM
FREEZING**



RESMETHRIN EC 26 INSECT SPRAY

**FOR INDOOR AND OUTDOOR ORNAMENTAL
PLANTS—GREENHOUSE AND PLANTSCAPE
HOUSEHOLD & INDUSTRIAL INSECTS**

ACTIVE INGREDIENTS:	BY WEIGHT
*1-Resmethrin[5-(phenylmethyl)-3-furanyl]methyl 2,2-dimethyl-3-(2-methyl-1-propenyl)cyclopropanecarboxylate	26.00% w/w
Related Compounds	3.54%
INERT INGREDIENTS:	70.46%
Total	100.00% w/w

Contains Petroleum Distillate

* Cis/trans isomers ratio: max. 30% (±) cis and min. 70% (±) trans.

† U.S. Patent Nos. 3,465,007 and 3,542,928.

• SBP-1382® - Registered Trademark - Roussel Bio Corporation
Roussel Bio Corp., 400 Sylvan Ave., Englewood Cliffs, NJ 07632

This Product Contains 2 Lb./gal. (240 g/L) of SBP-1382

EPA REG. NO. 904-424

EPA EST. 72-PA-1

KEEP OUT OF REACH OF CHILDREN WARNING AVISO

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand this label, find someone to explain it to you in detail.)

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Call a physician or Poison Control Center. Do not induce vomiting. This product contains aromatic petroleum solvent. Aspiration may be a hazard.

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

IF ON SKIN: ~~Remove contaminated clothing and wash affected area with soap and water. Launder clothing before reusing.~~

IF INHALED: Remove victim to fresh air.

SEE BACK PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

Pratt-Gabriel Division
MILLER CHEMICAL & FERTILIZER CORPORATION
Hanover, Pennsylvania 17331

NET CONTENTS: 1 QUART LIQUID

**ACCEPTED
with COMMENTS**
in EPA Letter Dated

NOV 21 1991

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

964-424

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS (& DOMESTIC ANIMALS)

WARNING:

Causes substantial but temporary eye injury. Do not get in eyes, on skin, or on clothing. Harmful if swallowed or absorbed through skin.

PERSONAL PROTECTIVE EQUIPMENT

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for category G on an EPA chemical resistance category selection chart.

Applicators and other handlers must wear:

- A. Long-sleeved shirt and long pants.
- B. Chemical-resistant gloves, such as barrier laminate or viton
- C. Shoes plus socks
- D. Protective eye wear

Discard clothing or other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

User Safety Recommendations

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

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ENVIRONMENTAL HAZARDS

This pesticide is highly toxic to fish. Do not apply directly to water or wetlands (swamps, bogs, marshes, and potholes). Drift and runoff from treated sites may be hazardous to fish in adjacent waters. Do not contaminate water when disposing of equipment washwaters.

PHYSICAL OR CHEMICAL HAZARDS

DO NOT USE OR STORE NEAR HEAT OR OPEN FLAME. Flash point minimum 100°F (38°C). Do not apply this product in conduits, motor housings, junction and switch boxes or other electrical equipment because of possible shock hazards. Do not use on surfaces that can be harmed or stained by water.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Do not apply this product through any irrigation system.

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.

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

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, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instruction 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 enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours.

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

Chemical-resistant gloves, such as barrier laminate or viton

Shoes plus socks

Protective eye wear

NON-AGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to uses of this product that are **NOT** within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses.

Do not apply directly to food and food processing equipment during application. In commercial food handling facilities, cover or remove any food and food processing equipment during application. Do not apply while food processing is underway. After spraying in bakeries and other food processing plants, facilities and equipment must be thoroughly washed with an acceptable detergent solution and then rinsed with potable water to remove all traces of contamination. In the home, all food processing surfaces and utensils should be covered during treatment, or thoroughly washed before use. Remove pets, birds and cover fish aquariums before spraying.

PLEASE REFER TO ATTACHED INSERT FOR ADDITIONAL DIRECTIONS FOR USE

STORAGE AND DISPOSAL

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

STORAGE: Store in tightly closed, original container in a locked area away from children and domestic animals. Do not store at temperature below 40°F(4.5°C). If this material has been exposed to temperatures below 40°F(4.5°C), there may be precipitation. Check for crystallization. If evident, warm to 80°F(26.5°) and thoroughly mix before using. **DO NOT USE OPEN FLAME.**

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

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

893M1MP

Prod. No. 14832

RESMETHRIN EC26 INSECT SPRAY

EPA Reg. No. 904-424

11/12

DIRECTIONS

A SYNTHETIC PYRETHROID FOR CONTROLLING THE FOLLOWING FLYING AND CRAWLING INSECTS IN AND AROUND HOUSEHOLDS, GREENHOUSES, BUILDINGS, VEHICLES, BOATS, KENNELS AND STABLES.

HOUSEHOLD PESTS

house flies
mosquitoes
gnats
flying moths (millers)
fruit flies
deer flies
stable flies
black flies
wasps
hornets
yellow jackets
bees
cockroaches
bed bugs

fleas
ticks
ants
fire ants
crickets
grasshoppers
silverfish (firebrats)
scorpions
earwigs
spiders
grain insects
sowbugs (pillbugs)
centipedes
millipedes

aphids
fungus gnats
gypsy moths
tent caterpillars
Japanese beetles
leafhoppers
plant bugs
spittlebugs
thrips
tussock moths
citrus blackflies
cutworms
flea beetles
oakworms
cicada

PLANT PESTS

whiteflies
lacebugs
leafbeetles
mimos webworms
spider mites
scales
spruce budworms
sawflies
weevils
rose slugs
armyworms
inchworms
elm spanworms
cankerworms
(fall & spring)

FOR USE INDOORS AND OUTSIDE PREMISES OF HOTELS, MOTELS, HOMES, PRESCHOOLS, NURSERIES, DAY CAMPS, GREENHOUSES, LATHHOUSES, SEEDHOUSES, FOOD HANDLING ESTABLISHMENTS, PACKAGING AND PROCESSING PLANTS, COMMERCIAL, INDUSTRIAL, OFFICE, INSTITUTIONAL AND STORAGE BUILDINGS, MILK STORAGE ROOMS, MILK HANDLING AREAS OF MILK PLANTS, EGG PROCESSING PLANTS, SUPERMARKETS, RESTAURANTS, BOTTLING PLANTS, CANNERIES, FLOUR AND FEED MILLS, BAKERIES, BOATS, SHIP CABINS AND HOSPITALS. IN HOSPITALS: PATIENTS SHOULD BE REMOVED PRIOR TO TREATMENT. ALSO FOR USE IN CAMPERS, MOBILE HOMES, BUSES, AUTOMOBILES, TRUCKS, BOXCARS AND SHIP CARGO HOLDS. ALSO FOR USE IN DOG KENNELS AND HORSE STABLES. IN HORSE STABLES, NOT FOR APPLICATION IF HORSES WILL BE USED FOR FOOD.

GENERAL INFORMATION: Use this product to control the pests listed below by application of the appropriate spray dilution. Use only the dilution specified in the Directions for Use to control a particular pest. To prepare the spray, dilute this product with water as shown in the following SPRAY DILUTION CHART. Repeat the treatment as needed.

SPRAY DILUTION CHART

Spray Dilution Desired (% RESMETHRIN EC 26)	0.03%		0.07%	0.10%	0.25%
Gallons of Water	1 (3.79L)	100 (378.5L)	1 (3.79L)	1 (3.79L)	1 (3.79L)
Amount of this product to be Diluted with Water**	1 tsp (5 ml)	1 pint (473 ml)	2 tsp. (10 ml)	1 tbsp. (15 ml)	2 1/2 tbsp. (37 ml)

** 6 teaspoons (tsp.) = 2 tablespoons (tbsp.) = 1 fluid ounce = 29.574 milliliters.

INDOORS

SPACE SPRAY: To control house flies, mosquitoes, gnats, flying moths (millers), and fruit flies use the 0.10% spray dilution. Close all doors and windows. Shut off ventilating systems, ducts and air-conditioning equipment. Mix well before using. Fill the spray tank with material, and apply as a fine spray at the rate of 1/2 fl. ozs. (59.1 ml) per 1,000 cubic feet (28.3 m³) or 1 gallon (3.79 L) per 64,000 cubic feet (1,812 m³). Point the nozzle upward and direct the spray mist to all parts of the room, especially windows and other light sources which attract these insects. Leave the treated area and keep closed for at least 15 minutes. Ventilate the room before re-entry. Repeat as necessary.

CONTACT SPRAY: To control cockroaches (waterbugs), crickets, ants, scorpions, grasshoppers, silverfish (firebrats), earwigs, spiders, sowbugs (pillbugs), centipedes, millipedes, grain mites, and grain insects*, use the 0.25% spray dilution. Mix well before using. Spray thoroughly into hiding places such as cracks, crevices, and moist areas around pipes, under refrigerators and along baseboards. Spray directly on insects when possible. Repeat as necessary.

SPIDERS: Spray directly on these pests and use repeated applications to the webbing and all cracks and crevices which harbor spiders.

ANTS—INCLUDING FIRE ANTS: Spray doors, around window frames, and trails and hills, contacting as many ants as possible.

***GRAIN INSECTS:** Adults of confused flour beetles, sawtoothed grain beetles, red flour beetles, carpet beetles, grain weevils, Angoumois grain moths, Indian meal moths, and shiny spider beetles. Remove infested grain, cereal or flour and destroy. Avoid contamination of other food and food stuffs in the area by removing before spraying. Spray directly on exposed stages and into cracks and crevices where grain insects may be hiding. In homes, dispose of all infested products. The shelves and drawers should be cleaned and thoroughly sprayed so as to contact all pests, and covered with shelf paper after allowing shelves to dry. Any utensils that are contacted with spray should be washed before using. Repeat as necessary.

BED BUGS: Apply the 0.25% spray as a spot treatment to cracks and crevices around baseboards, floorboards, bedboards and walls. First, thoroughly clean and air mattresses and springs. Then spot treat only areas that may harbor bed bugs, concentrating on tufts, folds and seams. Repeat as necessary. For persistent infestations, consult professional applicator.

FLEAS AND TICKS ON DOGS, CATS AND PREMISES: Use the 0.25% spray dilution and apply directly to animals along back, under forelegs and on other areas, except scrotum and anus. Part hair to contact skin and insure good coverage. Hold nozzle about one foot (30 cm) away while spraying. Apply until hair is thoroughly moist. Do not spray directly in eyes or mouth of animals. Repeat within 24 hours of first treatment if necessary. To reduce reinfestation, thoroughly spray the animal's bedding and other resting areas until the surface is slightly moist. Treat the floor areas, cracks and crevices in the floor and along baseboards at the rate of two seconds per linear foot (30 cm) at a distance of 12 to 18 inches (30-45 cm). Also spray the entire inside surface of dog houses. Repeat as necessary. Fill as many insects directly as possible.

WASPS, HORNETS, YELLOW JACKETS, BEES: Use the 0.25% spray dilution. Application should be made in late evening when insects are at rest. Spray liberally into hiding and breeding places, especially under attic rafters, contacting as many insects as possible. Repeat as necessary.

ORNAMENTAL PLANTS INDOORS: In greenhouses, lathhouses, homes, commercial and institutional buildings, and for indoor landscaping: TO CONTROL APHIDS, FUNGUS GNATS, LEAFHOPPERS, PLANT BUGS, SPITTLEBUGS, THIRPS, AND WHITEFLIES on the plants listed below, use the 0.03% spray dilution.

Prior to spray application, remove infested plants from living and eating areas, and place in an area not likely to come in contact with pets, children or food. Plants can be returned to original location when leaves dry.

If plant removal is not possible, remove or cover exposed food and food handling surfaces, including utensils, and remove animals. Shut off ventilating systems, air ducts, and air conditioning equipment. Avoid spray contact with surrounding areas.

Apply the spray to the upper and lower surfaces of plant foliage to the point of run-off. Avoid wetting blossoms if possible. Spray in the late afternoon or evening, when temperatures range from 50°F to 72°F (10°C to 22°C). Repeat applications weekly if necessary.

ageratum
aluminum plant
arrowhead vine
aster
azalea
Baby's Tears
begonia
black-eyed Susan
bridal veil
broadleaf acacia
calendula
carnations
Christmas cactus
chrysanthemum
coleus
daisy

daphne
dracaena
dumbcane
Easter lily
fatsyhedera
ferns asparagus
Boston
sword
ficus
fuchsia
gardenia
geranium
heliotrope
hibiscus
hoya
ice plant

inch plant
ivy German
grape
Swedish
English
marigold
Moses in Cradle
nasturtium
nephthytis
palms
pansy
peperomia
petunia
philodendron
piggy back plant
poinsettia

pulmos
prayer plant
purple waffles
roses
rubber plant
salvia
sedum
shamrock
snake plant
snapdragon
Star of Bethlehem
verbena
wandering jew
wax plant
zebra plant
zinnia

USE WITH CAUTION: On African violet, azalea, Reiger begonia, browallia, Tahitian bridal veil, caenothus, carnella, plumosa fern, gloxinia, impatiens, geranium, oxalis, jade, primrose, cyclamen, wax begonia, spider plant, chrysanthemum, Boston fern, geranium, and friendship plant.

As with all plants listed above, especially carnations, chrysanthemums and roses, there exists a wide variety of species and cultivars, and therefore a wide range of susceptibility to injury. To ascertain possible phytotoxicity, spray a few plants as described below, wait 24 hours, and check for possible injury.

INSTRUCTIONS FOR WHITEFLY CONTROL IN GREENHOUSES ONLY — See "CONTACT SPRAY" directions above for ornamental plants. Repeat application weekly for four weeks or longer for control of adults, pupae, and nymphs. Complete spray schedule on poinsettia before blooms form.

Where fewer applications are preferred, apply the 0.07% spray dilution as stated above. Repeat as necessary.

INSTRUCTIONS FOR SOIL SURFACE SPRAY CONTROL OF FUNGUS GNAT LARVAE IN GREENHOUSES, LATHHOUSES, AND FOR INDOOR LANDSCAPING.

Use the 0.03% or 0.07% spray dilution to spray soil surface until thoroughly wet. Repeat 10 day intervals, if necessary.

African violet	Fern: Boston	Petunia
Ageratum	Ficus	Philodendron
Christmas Cactus	Geranium	Pothos
Coleus	Ivy: English	Poinsettia
Cyclamen	Marigold	Primrose
Dieffenbachia	Palm: Areca	Schafflera
Dracaena	Neanthe Bella	Snapdragon
Easter Lily	Peperomia	Zinnia

OUTDOORS

PREMISES: For use around residential, commercial and institutional buildings, gardens, greenhouses, yards, patios, mobile homes and campers. To control the pests listed below, use the 0.25% spray dilution:

House flies, mosquitoes, gnats, flying moths (pillers), black flies, stable flies, deer flies, and fruit flies: Thoroughly spray breeding areas such as garbage and refuse areas, especially around poultry houses, barns, and similar areas of heavy infestation.

ANTS AND FLEAS: Same as directed above for indoor use.

FIRE ANTS: Kill and reduce annoyance for short periods of time. To reduce annoyance from ants and keep them from entering homes, spray patios, barbecue areas, driveways, entryways, door sills, window sills, other entrance areas, foundations of buildings, ant trails, around pools and areas where ants are noticed. Spray until the area is wet contacting as many insects as possible. This treatment will not kill the colonies but will reduce the immediate population for up to four hours. Repeat as necessary.

WASPS, HORNETS, YELLOW JACKETS, BEES: Same as directed for indoor use. Aim spray at nest openings in ground, bushes, and in cracks and crevices which may harbor nests, saturating nest openings and contacting as many insects as possible. APPLICATION SHOULD BE MADE LATE IN THE EVENING WHEN INSECTS ARE AT REST. Repeat as necessary.

CRICKETS, SILVERFISH, EARWIGS, SPIDERS, SCORPIONS, BOWBUGS, CENTIPEDES AND MILLIPEDES: Same as directed above for indoor use.

ORNAMENTAL PLANTS OUTDOORS: To control the pests listed below use the 0.03% spray dilution. Spray the upper and lower surfaces of plant foliage to the point of runoff. Spray in the late afternoon or evening, when the temperature ranges from 50°F to 72°F (10°C to 22°C) and when there is little or no wind. Spray early in the season or when the pests first appear. Weekly applications may be necessary for heavy infestations. On those plants that will flower during the season, the spray schedule should be completed before blossom formation.

To kill: aphids, fungus gnats, gypsy moths, oakworms, elm spanworms, cicada, inchworms, cankerworms (fall and spring), Japanese beetles, leafhoppers, plant bugs, spittlebugs, thrips, tussock moths and whiteflies on the following trees and shrubs:

althea	elm	lantana	podocarpus
amaranth	euonymus	laurel	rhododendron
aralia	flowering maple	lilac	spirea
arborvitae	forsythia	locust	spruce
boxwood	hemlock	mimosa	sweet olive
bugleweed	holly	oak	toyon
dogwood	ixora	palm	viburnum
		pitteporum	yew

Also, to control citrus black flies on non-bearing citrus; cutworm and flea beetles on dichondra; lacebugs on andromeda; leafbeetles on elm; mimosa webworm on mimosa; mites, scales and budworms on spruce; sawflies and weevils on pine and Chinese evergreen; tent caterpillars on non-bearing cherry trees; beet armyworm and cutworm on carnations, chrysanthemums, snapdragon; rose slugs on roses. Spray directly on insects.

To kill: aphids, fungus gnats, leafhoppers, inchworms, plant bugs, spittlebugs, thrips, spider mites, and whiteflies on the following plants:

ageratum	coleus	iris	poinsettia
aster	daisy	ivy	queen sago
begonia	daphne	marigold	rose
black-eyed Susan	luchsia	nasturtium	salvia
broadleaf acacia	gardenia	peony	snapdragon
calendula	heliotrope	petunia	lobelia
hyposasia	hibiscus	philodendron	zinnia

USE WITH CAUTION: On African violet, ash, azalea, Reiger begonia, wax begonia, geranium, browallia, columnea, cotoneaster, caenothus, carnella, plumosa fern, gloxinia, impatiens, juniper, non bearing mulberry and quince, oxalis, jade, primrose, cyclamen and cypress.

To kill: fungus gnat larvae use the soil surface spray method described for indoor plants on the following:

Cineraria	Pansy
Gazania	Periwinkle
Geranium	Stock
Hypericum	Verbena

TO KILL TENT CATERPILLARS: Application should be made when caterpillars are young and tents are first noticed (usually late spring). For best results, apply in the late afternoon or evening when caterpillars have returned to their tents. Aim spray directly at tents, and totally saturate on all sides. Repeat as necessary.

TO KILL GYPSY MOTH CATERPILLARS: Application should be made when caterpillars are young and are first noticed (usually late spring). Spray plants evenly to the point of run-off, applying to both sides of leaves and other areas of plants where insects are suspected. For dense evergreens and shrubs, be sure spray reaches interior leaves and branches.

As with all plants listed above, especially carnations, chrysanthemums and roses, there exists a wide variety of species and cultivars, and therefore a wide variety of susceptibility to injury. To ascertain possible phytotoxicity, spray a few plants as described above, wait 24 hours, and check for possible injury.

893M1MP