

DEC 10 1987

Ms. Dawn A. Smith  
Micro-Flo Company  
Route 1, Box 190  
Sparks, GA 31647

Dear Ms. Smith:

Subject: Parathion Reregistration  
Parathion 15WP  
EPA Registration No. 51036-32  
Your Submission Dated April 7, 1987

The amendment referred to above, submitted in connection with registration under section 3(c)(7)(A) of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), is acceptable provided that you:

1. Submit/cite all data required for registration/reregistration of your product under FIFRA section 3(c)(5) when the Agency requires all registrants of similar products to submit such data.
2. Make the labeling changes listed below before you release the product for shipment bearing the amended labeling:
  - a. Please delete the endangered species labeling as proposed in the Registration Standard and, if applicable, use the ones appearing in PR Notices 87-4 and 87-5.
  - b. By now you should have received a letter from Cheminova requesting changes in the reentry intervals as follows:

<u>Crop</u>	<u>Reentry Interval</u>	<u>States</u>
1) Citrus and grapes	21 days (less than 4 lb ai/A)	CA, AZ, NV, NM, OK, TX, and UT
	35 days (between 4 and 8 lb ai/A)	CA, AZ, NV, NM, OK, TX, and UT
	45 days (greater than 8 lb ai/A)	CA, AZ, NV, OK, TX, and UT
	5 days (All labeled rates)	All other States

15843:I:Edwards:E-2;KENCO:11/25/87:12/4/87:tg:vo:ek:tg

CONCURRENCES

SYMBOL	SURNAME	DATE					

<u>Crop</u>	<u>Reentry Interval</u>	<u>State(s)</u>
2) Apples, peaches, corn, olives, tree fruits, and tree nuts	6 days (All labeled rates)	All States
3) Cotton and all other crops	3 days (All labeled rates)	All States

Reentry intervals above must be on the labeling no later than January 1, 1988. Endangered species labeling must be on the label no later than February 1, 1988. Please refer to the above-mentioned PR Notices and the Cheminova letter for further details.

3. Submit five (5) copies of your final printed labeling before you release the product for shipment.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product bearing the amended labeling constitutes acceptance of these conditions.

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

Sincerely yours,

Dennis H. Edwards, Jr.  
Product Manager (12)  
Insecticide-Rodenticide Branch  
Registration Division (TS-767C)

Enclosure

Updated March 1987 per reregistration standard  
(Center Panel)

**RESTRICTED USE PESTICIDE**  
Due to very high acute toxicity to  
Humans and Birds

For retail sale to and use only by certified applicator or persons under their direct supervision and only for those uses covered by the certified applicator's certification. Direct supervision for this product is defined as the certified applicator being physically present during application, mixing, loading, repair and cleaning of application equipment. Commercial certified applicators must also ensure that all persons involved in these activities are informed of the precautionary statements.

**PARATHION 15WP**

**ACTIVE INGREDIENTS:**

Parathion (O,O-diethyl O-p-nitrophenyl phosphorothioate) .....	15.00%
<b>INERT INGREDIENTS</b> .....	85.00%
<b>TOTAL</b> .....	100.00%

EXAMINED  
WHS 03/19/87  
EPA Label No. 51036-32

REC 10/1/87

U.S. Environmental Protection Agency  
Federal Insecticide, Fungicide, and Herbicide Act  
as amended, for the pesticide  
registered under EPA Reg. No.  
**51036-32**

**KEEP OUT OF REACH OF CHILDREN**  
**P O I S O N**  
**DANGER PELIGRO**

**PRECAUCION AL USUARIO:** Si usted no lee ingles, no use este producto hasta que la etiqueta haya sido explicada ampliamente.  
**NOT FOR HOME USE**

**FIRST AID TREATMENT**  
**STATEMENT OF PRACTICAL TREATMENT**

Call a doctor (physician), clinic or hospital immediately. Explain that the victim has been exposed to parathion and describe his condition. If doctor cannot come, take victim to clinic or hospital. Move victim immediately from the area where parathion is present.

**IF INHALED,** remove victim to fresh air. If not breathing, immediately give artificial respiration, preferably mouth-to-mouth, and maintain until doctor sees victim. If breathing is difficult, give oxygen.

**IF IN EYES OR ON SKIN,** immediately flush with plenty of water for at least 15 minutes while removing contaminated personal clothing and shoes to avoid continued possible exposure to victim or persons in attendance.

**IF SWALLOWED,** induce vomiting immediately by giving two glasses of water and by touching back of throat with finger. **DO NOT INDUCE VOMITING OR GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.** Have victim lie down and keep quiet.

See side panels for additional precautionary statements.

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MICRO-FLO COMPANY  
ROUTE 1 BOX 190  
SPARKS, GEORGIA 31647

NET CONTENTS: \_\_\_\_\_

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PRECAUTIONARY STATEMENTS  
Hazards to Humans and Domestic Animals

DANGER

POISONOUS IF SWALLOWED, INHALED OR ABSORBED THROUGH SKIN. RAPIDLY ABSORBED THROUGH SKIN. REPEATED EXPOSURE MAY, WITHOUT SYMPTOMS, BE INCREASINGLY HAZARDOUS. Do not breathe vapors or dust. Do not get in eyes, on skin or on clothing.

POISON SIGNS (Symptoms)

Parathion is a very dangerous poison. It rapidly enters the body on contact with all skin surfaces and eyes. Clothing wet with this material must be removed immediately. Exposed persons must receive prompt medical treatment or they may die.

Some of the signs and symptoms of poisoning are: Headaches, nausea, vomiting, cramps, weakness, blurred vision, pin-point pupils, tightness in chest, labored breathing, nervousness, sweating, watering of eyes, drooling or frothing of mouth and nose, muscle spasms and coma.

NOTE TO PHYSICIAN

Antidote - administer atropine sulfate in large doses, TWO to FOUR mg. intravenously or intramuscularly as soon as cyanosis is overcome. Repeat at 5 to 10 minute intervals until signs of atropinization appear. 2-PAM chloride is a pharmacologic antidote and may be administered as an adjunct to, but not a substitute for, atropine which is a symptomatic and often life saving antidote. DO NOT GIVE MORPHINE OR TRANQUILIZERS BECAUSE THESE ANTIDOTES MAY PRODUCE ADVERSE EFFECT ACCENTUATING THE PHARMACOLOGIC EFFECT OF THIS PRODUCT. This product is a strong cholinesterase inhibitor affecting the central and peripheral nervous systems and producing cardiac and respiratory depression. At first sign of pulmonary edema, the patient should be given supplemental oxygen and treated symptomatically. Continued absorption of the poison may occur and fatal relapses have been reported after initial improvements; VERY CLOSE SUPERVISION OF THE PATIENT IS INDICATED FOR AT LEAST 48 HOURS.

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ENVIRONMENTAL HAZARDS

This pesticide is highly toxic to fish and wildlife. Birds in treated areas may be killed. Do not apply directly to water or wetlands (swamps, marshes, bogs, and potholes). Run-off and drift from target areas may be hazardous to aquatic organisms in adjacent aquatic sites. Do not contaminate water by cleaning of equipment or disposal of wastes.

SEE CAUTION

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

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treatment area.

ENDANGERED SPECIES CONSIDERATIONS

The Agency informs the pesticide applicator of these risks through the use of the EPA Endangered Species Bulletins. The pesticide applicator must consult both the bulletin and endangered species labeling that follows in order to reduce the risk of exposure to endangered species.

ENDANGERED SPECIES

CROP USES

The use of any pesticide in a manner that may kill or otherwise harm an endangered or threatened species or adversely modify their habitat is a violation of federal laws. The use of this product is controlled to prevent death or harm to endangered or threatened species that occur in the following counties or elsewhere in their range.

Before using this pesticide in the following counties you must obtain the EPA Cropland Endangered Species Bulletin. The use of this pesticide is prohibited in these counties unless specified otherwise in the Bulletin. The EPA Bulletin is available from either your County Agricultural Extension Agent, the Endangered Species Specialist in your State Wildlife Agency Headquarters or the appropriate Regional Office of either the U.S. Fish and Wildlife Service (FWS) or the U. S. Environmental Protection Agency. THIS BULLETIN MUST BE REVIEWED PRIOR TO PESTICIDE USE.

STATE (Regional office FWS) Species	COUNTY
ALABAMA (Atlanta, GA.) Slackwater darter	Lauderdale Limestone Madison
Alabama cavefish	Lauderdale
Freshwater mussels	Colbert Jackson Marshall Morgan
ARIZONA (Albuquerque, N.M.) Woundfin	Mohave
Bonytail chub	Mohave
Gila topminnow	Graham Santa Cruz
ARKANSAS (Atlanta, GA.) Freshwater mussels	Clay

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	Clark Cross Lawrence Randolph Sharp St. Francis
Ozark cavefish	Benton
Leopard darter	Sevier
CALIFORNIA (Portland, OR.) Delta green ground beetle	Solano
Valley elderberry longhorn beetle	Merced Sacramento
Aleutian Canada goose	Colusa Merced Stanislaus Sutter
Kern primrose sarrinx moth	Kern
Blunt-nosed leopard lizard	Fresno Kern Kings Madera Merced Monterey San Luis Obispo Santa Barbara Stanislaus Tulare
Santa Cruz long-toed salamander	Monterey Santa Cruz
Unarmored three-spine stickleback	Los Angeles Santa Barbara
COLORADO (Denver, CO.) Colorado squawfish	Bianco Delta Garfield Mesa Moffat Rio Routt
Humpback chub	Mesa
FLORIDA (Atlanta, GA.) Everglade Kite	Broward

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	Dade Stades Palm Beach
KENTUCKY (Atlanta, GA.) Freshwater mussels	Ballard Edmundson Jackson Laurel Marshall McCracken Pulaski Rockcastle Warren Wayne
MARYLAND (Newton Corners, MA.) Maryland darter	Harford
MISSISSIPPI (Atlanta, GA.) Bayou darter	Copiah
MISSOURI (Twin Cities, MN.) Ozark cavefish	Christian Greene Jasper Lawrence Newton Barry Stone
NEVADA (Portland, OR.) Woundfin	Clark
Pahranaqat bonytail	Lincoln
Cui-ui	Washoe
Pahrump killifish	Clark White Pine
NEW MEXICO (Albuquerque, N.M.) Pecos gambusia	Chaves Eddy
NORTH CAROLINA (Atlanta, GA.) Spotfin chub	Macon Swain
OHIO (Twin Cities, MN.) Scioto madtom	Champagne Franklin Logan Madison

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	Pickaway Union
OKLAHOMA (Albuquerque, N.M.) Leopard darter	Leflore McCurtain
Ozark cavefish	Delaware
TENNESSEE (Atlanta, Ga.) Slackwater darter	Lawrence Wayne
Slender chub	Claiborne Hancock
Spottin chub	Cumberland Fentress Morgan
Freshwater mussels	Blount Clairborne Decatur Franklin Hancock Hardin Lincoln Loudon Marshall Maury Rhea Roane Scott Sequatchie Smith Sullivan
TEXAS (Albuquerque, N.M.) Attwater's greater prairie chicken	Aransas Austin Colorado Fort Bend Goliad Refugio Victoria
Comanche Springs pupfish	Jeff Davis
Pecos gambusia	Jeff Davis Pecos Keeves
Texas blind salamander	Hays

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San Marcos salamander	Hays
San Marcos gambusia	Hays
Houston toad	Bastrop Burlison
Fountain darter	Hays
UTAH (Denver, CO.) Woundfin	Washington
Humpback chub	Grand
Bonytail chub	Grand Uintah
Colorado squawfish	Carbon Duchesne Emery Garfield Grand Kane San Juan Uintah Wayne
VIRGINIA (Newton Corners, MA.) Spotfin chub	Scott Washington
Freshwater mussels	Lee Russell Scott Smyth Tazewell Washington Wise

PHYSICAL OR CHEMICAL HAZARDS

In case of:

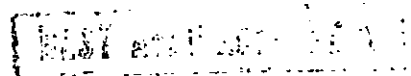
FIKE - Use water spray, foam, dry chemical or CO2.  
 SPILL or LEAK, keep all unprotected persons away. Cover with absorbent such as soda ash, lime, clay or saw dust. Sweep up and bury. Wash area thoroughly with strong lye solution.

PROTECTIVE CLOTHING STATEMENTS

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THIS PRODUCT MAY BE FATAL IF SWALLOWED, INHALED, OR IF ALLOWED TO CONTACT SKIN. FAILURE TO PROPERLY FOLLOW ALL INSTRUCTIONS FOR PROTECTIVE CLOTHING AND EQUIPMENT WILL INCREASE YOUR RISK.

USE ONLY WHEN WEARING THE FOLLOWING PROTECTIVE CLOTHING AND EQUIPMENT



DURING MIXING/LOADING, APPLICATION, REPAIR AND CLEANING OF APPLICATION EQUIPMENT, DISPOSAL OF PESTICIDE, AND EARLY REENTRY INTO TREATED FIELDS:

Waterproof pants and coat; heavy-duty chemical-resistant gloves; rubber boots or rubber overshoes; hood or wide-brimmed hat; safety goggles or face shield; NIOSH approved respirator. In addition, mixer/loaders must wear a chemical resistant apron when using the concentrated product. During aerial application in nonenclosed cockpits, a helmet with a visor may be substituted for the hood or wide-brimmed hat and safety goggles or face shield requirements.

IF MIXING/LOADING IS PERFORMED USING A CLOSED SYSTEM, THE FOLLOWING PROTECTIVE CLOTHING AND EQUIPMENT MAY BE WORN AS AN ALTERNATIVE:

Heavy-duty chemical resistant gloves; chemical resistant apron, long-sleeved shirt (or gauntlets and short sleeve shirt) and long-legged pants; shoes and socks.

Safety goggles or a faceshield must be worn when the system is under pressure. All other protective clothing and equipment required for use with open systems must be available nearby.

IF APPLICATION IS PERFORMED USING AN ENCLOSED CAB OR COCKPIT, THE FOLLOWING PROTECTIVE CLOTHING AND EQUIPMENT MAY BE WORN AS AN ALTERNATIVE:

Clean long-sleeved shirt and long-legged pants. All other protective clothing and equipment required for use during application must be available in the cab and must be worn when exiting the cab into treated areas. If used for this purpose, contaminated clothing may not be brought back into the cab unless in an enclosure such as a plastic bag.

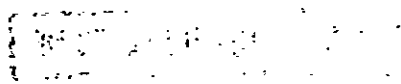
REMEMBER - THE CLOTHING IS NOT INTENDED TO PROTECT YOU DURING REPAIR AND CLEANING OF APPLICATION EQUIPMENT OR DURING EARLY REENTRY. REFER TO THE INSTRUCTIONS ABOVE.

HUMAN FLAGGERS ARE STRICTLY PROHIBITED DURING AERIAL APPLICATION.

IMPORTANT! If pesticide comes in contact with skin, wash off with soap and water, and contact a physician immediately. Always wash hands, face, and arms with soap and water before smoking, eating, drinking, or toileting.

AFTER WORK: Wash gloves with soap and water before removing. Take off all work clothes and shoes. Store protective clothing separately from personal clothing. Launder protective clothing after each use. Shower using soap and water. Wear only clean clothes when leaving job. Do not wear contaminated clothing. Personal clothing worn during mixing/loading, application, repair and cleaning of application equipment, disposal of pesticide, and early reentry into treated fields must be stored and laundered separately from household articles. Clothing and equipment heavily contaminated or drenched with parathion must be destroyed according to state and local regulations.

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HEAVILY CONTAMINATED OR DRENCHED CLOTHING CANNOT BE ADEQUATELY DECONTAMINATED.

Respirators should be cleaned and cartridges replaced according to instructions included with respirators. Replace gloves frequently.

DIRECTIONS FOR USE

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

Do not use this product in or on electrical equipment due to the possibility of shock hazard.

RE-ENTRY STATEMENT

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. Do not enter treated areas for 48 hours unless appropriate protective clothing is worn. Because certain states may require more restrictive re-entry intervals for various crops treated with this product, consult your State Department of Agriculture for further information.

Reentry into apple, citrus, peach, nectarine or grape fields in the states of Arizona, California, Nevada, New Mexico, Oklahoma, Texas, and Utah is prohibited for seven days after the end of application, unless all protective clothing and equipment required for early reentry as described elsewhere on the label is worn. Reentry into all other treated areas is prohibited for 48 hours after end of application, unless all required protective clothing and equipment is worn.

Written or oral warnings must be given to workers who are expected to be in a treated area or in an area about to be treated with this product.

ORAL WARNINGS shall inform workers of areas or fields that may not be entered, without protective equipment and clothing specified on this label, during treatment or for 48 hours following treatment. Follow First Aid Treatment instructions shown on this label in case of accidental exposure.

When oral warnings are given, warnings shall be given in a language customarily understood by workers. Oral warnings must be given if there is reason to believe that written warnings cannot be understood by workers.

WRITTEN WARNINGS must include the following information.

DANGER - Area treated with parathion on \_\_\_\_\_ (date) \_\_\_\_\_. Do not enter without appropriate protective clothing for 48 hours. Follow First Aid Treatment instructions shown on this product label in case of accidental exposure.

To avoid excessive residues of parathion on food or forage crops always observe the statements found under "Directions for Use," limiting the time before harvest when parathion may be applied.

Because this material is poisonous by skin contact, inhalation or swallowing it should not be used in such a manner or under weather conditions as will permit drift of the spray onto areas not intended to be treated. Do not apply or allow drift to areas occupied by unprotected humans or beneficial animals.

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**STORAGE AND DISPOSAL**

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

**STORAGE AND HANDLING:**

1. Handle container carefully so as to avoid damage and prevent spills.
2. Do not use or store in or around the home.
3. Store container in a well ventilated place.
4. Empty container retains vapor and product residue. Observe all labeled safeguards until container is cleaned, reconditioned or destroyed.
5. Keep out of reach of children and domestic animals.

**PESTICIDE DISPOSAL:**

Wastes of this pesticide are acutely hazardous. Improper disposal of excess pesticide, spray mixtures, or rinsate is a violation of federal law. If these wastes cannot be disposed of according to label use instructions, contact your state pesticide or Environmental Control Agency, or the Hazardous Waste Representative at the nearest EPA Regional Office for guidance.

**CONTAINER DISPOSAL:**

Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill or incinerate, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

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**DIRECTIONS FOR DILUTION**

**DILUTE APPLICATION:**

Ground Application: Apply specified rate in 20 to 60 gallons of water per acre.

Orchard Application: Apply specified rate in 100 to 800 gallons of water per acre.

**CONCENTRATE APPLICATION:**

Ground Application: Apply specified rate in not less than 5 gallons of water per acre.

Orchard Application: Apply specified rate in 20 to 100 gallons of water per acre. Special concentrate equipment is necessary for these uses.

**AIR APPLICATION:**

Apply specified rate in 5 to 20 gallons of water per acre. Orchard rates should not be applied in less than 10 gallons of water per acre.

**ALMONDS:** Oriental Fruit Moth, Tent Caterpillar, Peach Twig Borer. Apply 6.7 to 16.7 pounds per acre. Do not apply after hulls begin to open. Do not feed treated hulls to livestock.

**APPLES:** Aphids (Apple, Rosy Apple, Woolly Apple), Apple Red Bug, Eye Spotted Bud Moth, Spider Mites (Clover, Pacific, Schoene, Willamette), Tentiform Leafminer, Mites (European Red, Two Spotted Spider, Fruit Tree and Redbanded), (1st brood), Leafrollers. Apply 3.3 to 13.4 pounds per acre. Apple Lace Bug, Oystershell Scale, Codling Moth, Orange Tortrix, Plum Curculio, Scales (including Forbes, San Jose, Scurfy Scale) Grasshoppers and Mealybug. Apply 5 to 16.7 pounds per acre. Do not apply within 14 days of harvest.

**CAUTION:** Do not apply to susceptible varieties.

**APRICOTS:** Mealybug, European Red Mite, Two Spotted Spider Mite, Peach Twig Borer, Black Scale, European Fruit Lecanium Scale. Apply 10 to 20 pounds per acre. Oriental Fruit Moth, Tortrix Moths (including Orange Tortrix), Aphids (including Mealy Plum Aphid), Eyespotted Bud Moth, Codling Moth, Fruit Tree Leafroller, Spider Mite. Apply 5 to 20 pounds per acre. Do not apply within 14 days of harvest.

**ARTICHOKES:** Aphids, Artichoke Plum Moth. Apply 2.5 to 6.9 pounds per acre. Do not apply within 7 days of harvest.

**BARLEY, OATS, WHEAT:** Aphids, Armyworms, Grasshoppers, Blister Beetle (Barley and Oats only). Apply 1.7 to 5 pounds per acre. Do not apply within 15 days of harvest.

**BEANS:** Aphids, Armyworm, Leafhoppers (including Potato Leafhopper), Leafminers (including Serpentine Leafminers), Leafrollers, Mexican Bean

Beetle, Stink Bug, Spider Mites (including Two Spotted Spider Mites), Whiteflies. Apply 3.3 to 5 pounds per acre. 3.3 pounds per acre, do not apply within 7 days of harvest. Over 3.3 pounds per acre, do not apply within 15 days of harvest.

BEETS: Aphids, Blister Beetles, Flea Beetles, Leafhoppers, Leafminers and Webworms. Apply .8 to 3.8 pounds per acre. Do not apply within 15 days of harvest. Do not apply within 21 days of harvest if tops are to be used for food or feed.

BLACKBERRIES: Aphids. Apply .8 to 6.7 pounds per acre. Do not apply within 15 days of harvest.

BLUEBERRIES: Cherry Fruitworm, Cranberry Fruitworm, Plum Curculio. Apply 3.3 pounds per acre. Do not apply within 14 days of harvest.

BROCCOLI, BRUSSELS SPROUTS, CABBAGE, CAULIFLOWER: Aphids (including Turnip Aphid), Thrips, Climbing Cutworm, Darkling Ground Beetles, Flea Beetles, Leafminers (including Serpentine Leafminers) Vegetable Weevil, Armyworm, Diamond Back Moth, Imported Cabbage Worm, Cabbage Looper. Apply 1.7 to 6.7 pounds per acre. Rate of 1.7 to 3.3 pounds, do not apply within 10 days of harvest on Cabbage, 7 days on Broccoli, Brussel Sprouts, Cauliflower. Rates over 3.3 to 6.7 pounds, do not apply within 21 days of harvest.

CARROTS: Aphids, Stink Bugs, Leafhoppers (including Aster Leafhoppers), Vegetable Weevil Leafminers. Apply 1.7 to 3.8 pounds per acre. Do not apply within 15 days of harvest. Do not use treated tops for food and feed.

CELERY: Aphids, Celery Leaf Tier, Leafhoppers (including Leafhoppers), Leafminers (including Serpentine Leafminers), Spider Mites (including Two Spotted Spider Mites). Apply 1.7 to 5 pounds per acre. Do not apply within 15 days of harvest at 1.7 pound rate, 21 days of harvest at rates over 1.7 to 3.3 pounds, 30 days of harvest at rates over 3.3 to 5 pounds.

CHERRIES: Aphids (including Black Cherry Aphid), Spider Mites (including Clover, European Red, Two Spotted Spider Mite), Shothole Borer. Apply 3.3 to 10 pounds per acre. Leafrollers (including Fruit Tree Leafroller), Lesser Apple Worm, Oriental Fruit Moth, Plum Curculio (Sawfly), Pearslug, San Jose Scale, Lecanum Scale, Tortrix Moths (including Orange Tortrix). Apply 5 to 10 pounds per acre. Cankerworm, Eye Spotted Bud Moth, Fruitflies (including Cherry Fruit Fly, Western Cherry Fruit Fly), Cherry Fruitworm. Apply 5 to 11.7 pounds per acre. Black Cherry Aphid Clover Mite, (Eggs) Scale. Apply 10 to 13.4 pounds per acre for dormant application. Only combine 3 to 5 gallons per acre of oil with spray mixture. Do not apply within 14 days of harvest.

CITRUS: Scale (California Red, Citricola, Purple, Yellow). Apply 6.7 to 20 pounds plus 4 to 10 gallons of Soluble Citrus Oil per acre in California only. Mealybugs, Thrips, Katydid, Aphids, Cutworms, Leafroller, Western Tussock Moth. Apply 10 to 20 pounds per acre in California only. Thrips, Mealybugs. Apply 10 to 20 pounds per acre

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in late spring, throughout summer and in early fall in areas other than California. Do not apply within 14 days of harvest.

COLLARDS, KALE, KOHLRABI: Aphids, Thrips. Apply 1.1 to 5 pounds per acre. Armyworm, Diamond back Moth, Imported Cabbage Worm. Apply 1.7 to 3.3 pounds per acre. Cutworms, Leafhoppers, Cabbage Loppers, Vegetable Weevil. Apply 3.3 pounds per acre. Rates up to 1.7 pound do not apply within 7 days of harvest. Rates over 1.7 to 3.3 pounds do not apply within 10 days of harvest.

CORN: Armyworm. Apply 1.7 to 2.5 pounds per acre. European Corn Borer. Apply 3.3 pounds per acre. Apply when borers appear, when 50% of eggs are in black headstage, or after 20 egg masses are counted per 100 stalks and first eggs are in black head stage, or when 75% of the plants show shot hole feeding. Do not apply within 12 days of harvest.

COTTON: Aphids, Armyworm (to 3rd instar), Leafhoppers, Spider Mites, Saltmarsh Caterpillar, Stink bugs, Thrips. Apply 3.3 to 6.7 pounds per acre. Bollworms, Cotton Leaf Perforator, False Chinch Bug, Flea Hopper, Serpentine Leafminers, Lygus bugs, Tobacco Budworm. Apply 6.7 pounds per acre. Do not apply within 7 days of harvest or hand picking. Workers entering fields within 24 hours after application should wear protective clothing.

CUCUMBERS, MELONS, SQUASH: Aphids, Cucumber beetle, Leafminers, Melon-worm, Pickleworm. Apply 1.1 to 3.3 pounds per acre. Darkling Ground Beetle, Flea Beetle, Leafhoppers, Squash Bug, Squash Vine Borer, Stink Bugs, Thrips, Whiteflies. Apply 3.3 pounds per acre. Do not apply within 15 days of harvest on Cucumbers, 7 days of harvest on Melons. Do not apply within 15 days of harvest on squash. Do not apply to cucurbits unless plants are dry.

EGGPLANTS, PEPPERS: Aphids, Leafminers, Thrips. Apply 1.7 to 3.3 pounds per acre. Whiteflies. Apply 3.3 pounds per acre. Do not apply within 15 days of harvest.

ENDIVE: Aphid, Leafhoppers. Apply 3.3 pounds per acre. Do not apply within 21 days of harvest.

FIGS: Spider Mites. Apply 10 to 16.7 pounds per acre. Fig Scale. Apply 8 to 10 pounds per acre. Do not apply within 30 days of harvest.

GRAPES: False Chinch Bug, Leafhoppers, Mealybugs, Mites. Apply 3.3 to 10 pounds per acre. Grape Mealybug. Apply 6.7 to 16.7 pounds per acre plus 1 gallon Soluble Spray oil per acre and spray during dormant period or before fruit is the size of buckshot or after harvest. The 3.3 to 10 pound rate, do not apply within 14 days of harvest.

LETTUCE: Aphids, Armyworm, Leafhoppers, Looper. Apply 3.3 pounds per acre. Do not apply within 21 days of harvest for Bibb and Leaf Lettuce and 7 days of harvest on Head Lettuce.

MUSTARD GREENS: Armyworm, Cutworm, Diamond Back Moth, Flea Beetle, Imported Cabbage Worm, Leafminer, Cabbage Looper, Thrips, Vegetable



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WEEVIL: Apply 3.3 pounds per acre. Do not apply within 10 days of harvest.

OKRA: Aphids, Leafminers, Stink Bugs. Apply 3.3 to 5 pounds per acre. Do not apply within 21 days of harvest.

OLIVES: Scale (Black, Oleander, Olive). Apply 6.7 to 16.7 pounds plus 3 to 5 gallons of Soluble Spray Oil per acre. Apply from post bloom stage to late June for Oleander Scale and Parietoria Scale and in late July for Black Scale.

ONIONS: Thrips. Apply 1.7 to 5 pounds per acre. Do not apply within 15 days of harvest.

PEACHES, NECTARINES: Scales. Dormant application. Apply 6.7 to 16.7 pounds plus 3 to 5 gallons of Soluble Spray Oil per acre. For Crawlers, apply 6.7 to 16.7 pounds per acre. Aphids, Catfacing Insects, Leafrollers, Mites, Plum Curculio and Oriental Fruit Moth. Apply at petal fall and every 10 to 14 days thereafter until control is achieved. Peach Twig Borer, Thrips. Apply 6.7 to 16.7 pounds per acre. Eyespotted Bud Moth, Pandemis Moth, Stink Bug. Apply 10 to 16.7 pounds per acre. Lesser Peach Tree Borer, Peach Tree Borer. Apply 6.7 to 16.7 pounds per acre during appearance of the moth in early to late summer. Apply 2 to 3 sprays to trunk from ground to scaffold limbs timed with moth flight. Do not apply within 21 days of harvest in California, and 14 days elsewhere. Do not apply more than 8.4 pounds actual Parathion per acre between January 1 and harvest.

PEARS: Aphids, Leafrollers, Pear Psylla, Scale. Apply 5 to 20 pounds per acre. For dormant application add 3 to 5 gallons of Soluble Spray Oil per acre. Codling Moth. Apply at petal fall and every 10 to 14 days thereafter until control is achieved. Green Fruitworm, Tentiform Leafminer, Mealy Bugs, Brown Mite, Pear Slug. Apply 6.7 to 20 pounds per acre. Do not apply within 14 days of harvest. Injury may occur to Bosc pears under certain conditions.

PEAS: Aphids. Apply 1.7 pound per acre. Armyworm, Climbing Cutworm, Pea Weevil, Thrips. Apply 3.3 pounds per acre. Rate of 1.7 pound per acre, do not apply within 10 days of harvest. Rates at 3.3 pounds, do not apply within 15 days of harvest.

PECANS: Aphids, Mites. Apply 6.7 to 16.7 pounds per acre. Do not apply after husks open. Do not feed treated husks to livestock. Do not apply within 15 days of harvest. Do not apply after husks open. Do not feed treated husks to livestock.

PEPPERS: Aphids, Pepper Maggot, Thrips. Apply 1.7 to 3.3 pounds per acre. Flea Beetle. Apply 3.3 pounds per acre. Do not apply within 15 days of harvest.

PLUMS, PRUNES: Aphids, Codling Moth, Eyespotted Bud Moth, Leafhoppers, Leafrollers, Mealybugs, Mites, Oriental Fruit Moth and Plum Curculio. Apply at petal fall and every 10 to 14 days thereafter control is achieved. Scales. Apply when crawlers appear. Thrips, Tortrix Moths,

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Tussock Moths. Apply 8.4 to 20 pounds per acre. Aphid Eggs Scale. Dormant application - apply 11.7 to 25.1 pounds plus 3 to 5 gallons of Soluble Spray Oil per acre. Peach Twig Borer. Apply 11.7 to 25.1 pounds per acre and for dormant application add 3 to 5 gallons of Soluble Spray Oil per acre. Do not apply within 14 days of harvest.

POTATOES: Aphids, Armyworm, Colorado Potato Beetle, Flea Beetle, Grasshoppers, Leafhoppers, Leafminers, Whiteflies. Apply 1.7 to 3.3 pounds per acre. Spider Mites, Thrips. Apply 3.3 to 6.7 pounds per acre. Do not apply within 5 days of harvest.

RADISHES: Aphids. Apply 1.7 to 3.3 pounds per acre. Do not apply within 15 days of harvest.

SORGHUM: Mites. Apply 6.7 pounds per acre. Sorghum Webworm. Apply 1.7 to 5 pounds per acre. Sorghum Midge. Apply 3.3 to 6.7 pounds per acre and apply twice 3 to 5 days apart when approximately 90% of the heads have completely emerged from the boot, but do not apply later than blooming. Do not apply within 12 days of harvest. Leaf injury may occur to some hybrid varieties.

SPINACH: Aphids. Apply 1.7 to 3.3 pounds per acre. Do not apply within 14 days of harvest.

STRAWBERRIES: Aphids, Lygus Bugs, Whiteflies. Apply 3.3 to 5 pounds per acre. Root Weevil. Apply 6.7 pounds per acre for post harvest application only. Do not apply within 14 days of harvest.

SUGAR BEETS: Aphid, Armyworm, Blister Beetle, Flea Beetle, Leafhoppers, Leafminers, Mites, Webworms. Apply 3.3 to 5 pounds per acre. Do not apply within 15 days of harvest.

TOBACCO: Aphids, Suckfly. Apply 1.1 to 2.1 pounds per acre. Do not apply within 5 days of harvest by priming, and 15 days of harvest by cutting. Avoid contact with plant juices when priming or cutting tobacco. When necessary to enter treated fields within 48 hours after application, protective clothing must be worn.

TOMATOES: Aphids, Colorado Potato Beetles, Flea Beetles, Grasshoppers, Leafhoppers, Stink Bug, Whiteflies. Apply 1.7 to 5 pounds per acre. Armyworm, Spider Mite. Apply 3.3 to 5 pounds per acre. Tomato Pinworm. Apply 5 to 6.7 pounds per acre. Do not apply within 10 days of harvest.

TURNIPS: Aphids, Thrips. Apply .5 to 3.3 pounds per acre. Armyworm, Diamond Back Moth, False Chinch Bug, Harlequin Bug. Apply 1.7 to 3.3 pounds per acre. Cutworm, Imported Cabbageworm, Leafminer, Cabbage Looper, Vegetable Weevil, Cabbage Webworm. Apply 3.3 pounds per acre. Rates up to 1.7 pound per acre do not apply within 7 days of harvest. Rates over 1.7 pound up to 3.3 pounds per acre, do not apply within 10 days of harvest.

WALNUTS: Aphias, Spider Mites. Apply 1.7 to 16.7 pounds per acre. Frosted Scale. Apply 6.7 to 20 pounds per acre during dormant period

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after defoliation is complete. Do not apply after husks open. Do not feed treated husks to livestock.

NOTE: The U. S. Food and Drug Administration has set tolerances for pesticide residues. Crops having residues in excess of their permitted tolerances should not be marketed and to do so may violate state law and will violate Federal law when sold in interstate commerce. Such crops should not be marketed without removal of such excess residues.

CONDITIONS OF SALE

All statements concerning the use of this product apply only when used as directed. THE MANUFACTURER MAKES NO WARRANTIES, EXPRESSED OR IMPLIED, CONCERNING THIS PRODUCT OR ITS USE, WHICH EXTEND BEYOND THE DESCRIPTION ON THE LABEL. Read all directions carefully.