

JUL 18 1990

Ms. Nancy E.H. Wright
Sun Refining and Marketing Company
P.O. Box 1135
Marcus Hook, PA 19061-0835

Dear Ms. Wright:

Subject: Sanspray 6E Plus
EPA Registration No. 862-23
Your Application Dated April 2, 1990

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:
 - In Tables 3, 4, 5, and 6, delete the statement "Including But Not Limited To" from the "CROPS INCLUDING BUT NOT LIMITED TO:" heading.
3. Submit five (5) copies of your final printed labeling before you release the product for shipment.

51386:I:WP5.0:Edwards:C.Disk:KENCO:07/11/90:DD:vo;jh:ek

CONCURRENCES

SYMBOL							
SURNAME							
DATE							

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 (H7505C)

Enclosure

SUN
SUNSPRAY[®] 6E PLUS

A superior horticultural spray oil for insect and mite pest management.

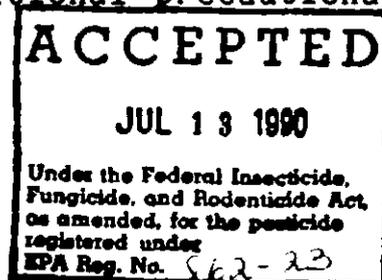
ACTIVE INGREDIENT: Refined Petroleum Distillate* . . . 98.8%
INERT INGREDIENT: Emulsifier 1.2%

*Unulfonated Residue of Petroleum Distillate . . 92.0% Min.
*50% Distillation Point of Petroleum Distillate . . 414 F
*10%-90% Distillation Range of Petroleum Distillate 65 F Max.
*Flash Point 345 F
Weight per Gallon. 7.1 lbs.

CAUTION
KEEP OUT OF REACH OF CHILDREN
PRECAUTIONARY STATEMENTS

Hazards to humans and domestic animals: Avoid contact with eyes, skin and clothing. See side panel for additional precautionary statements.

- Harmful if swallowed.
- Avoid breathing of spray mists or vapors.
- Wash hands after using.
- Avoid contamination of feed and foodstuffs.



STATEMENT OF PRACTICAL TREATMENT

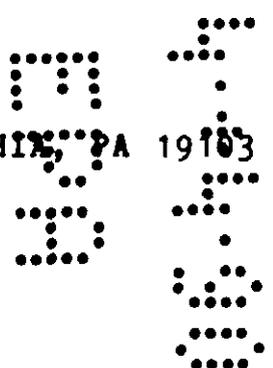
- If swallowed: do not induce vomiting, call a physician immediately.
- If on skin: wash with soap and water.
- If in eyes: flush with water.

ENVIRONMENTAL HAZARDS

This product is toxic to fish. Do not apply directly to water. Do not contaminate water when disposing of equipment washwaters. Apply this product only as specified on this label.

EPA REG. NO. 862-23
NET CONTENTS: 1 QUART, 2 QUARTS, 1 GALLON, 2.5 GALLONS
5 GALLONS, 30 GALLONS, 55 GALLONS
(ALSO BULK)

SUN REFINING AND MARKETING COMPANY
TEN PENN CENTER, 1801 MARKET STREET, PHILADELPHIA, PA 19103



STORAGE AND DISPOSAL

1. **Prohibitions:** Do not contaminate water, food, or feed by storage or disposal. Open dumping is prohibited.
2. **Storage:** Store in a cool, dry, locked area out of the reach of children. Keep oil container tightly closed in storage to prevent entry of water.
3. **Pesticide Disposal:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.
4. **Container Disposal:** Metal: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities. Plastic: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

USE PRECAUTIONS

Keep oil container tightly closed in storage to prevent entry of water. All horticultural oils interfere with or slow plant transpiration and respiration during the period of evaporation. Phytotoxicity may result if sprayed to plants during periods of prolonged high temperature and high relative humidity. Do not spray to plants under moisture stress.

Do not use with dimethoate or fungicides such as Captan, Folpet, Dyrene, Karathane, Morestan or any other product containing sulfur. If possible, either keep the spray equipment used for these compounds separate from the equipment used for oil, or make sure that the sprayer is thoroughly cleaned so that no residue from these compounds remain. Do not use with dimethoate or Sevin brand 50W carbaryl on deciduous fruit trees.

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 type of irrigation system.

MIXING INSTRUCTIONS

1. Add sufficient water to the mixing tank to allow proper agitation by pump or paddles.
2. Add other desired pesticides. If wettable powder formulation, mix the water and powder thoroughly so that the powder is totally suspended in the water before the oil is added. If other pesticide to be added is an emulsifiable formulation, do so after the oil and water have been thoroughly mixed.
3. Add oil under agitation when tank is 3/4 full. Top off with water to form milky solution.
4. Maintain agitation until solution is used.
5. In small equipment lacking agitators, stir or shake diluted spray frequently during application.
6. It is important for users to read and follow all directions and restrictions on the labels of the proposed tank mix products.
7. Flush fluid in sprayer hose lines back into tank reservoir if fluid is allowed to stand for more than 20 minutes.

APPLICATION INSTRUCTIONS

The target pest must be completely covered with spray. Oil residue on the plant surface often acts as a feeding and oviposition deterrent. However, the primary target is the pest itself as oil is a contact pesticide.

DILUTE APPLICATIONS (greater than 150 gallons spray per acre), in most cases, ensure the best coverage.

CONCENTRATE APPLICATIONS (usually from 45 to 125 gallons spray per acre) may reduce coverage and effectiveness. Concentrate application includes the use of low volume (from 10 to 100 gallons spray per acre) air-blast or air-carrier sprayers. A concentrate application can provide satisfactory results as long as the spray unit is properly engineered, calibrated and operated. Speed of travel for a ground application is extremely important. Tractor speed from 1 M.P.H. up to 4 M.P.H. is recommended depending on crop, crop size, and target pest.

AERIAL APPLICATIONS Use only as an emergency application when soil conditions do not permit regular ground application. Helicopter only. Apply quantity of product shown for each listed crop for control of listed insects in sufficient water to make a minimum of 20 gals. dilute spray per acre.

TIMING THE TREATMENT

Applicator must determine the precise timing to fit local growth and climatic conditions.

DO NOT EXCEED MAXIMUM RATES OR APPLY MORE OFTEN THAN RECOMMENDED.

USES

TANK MIXES: Sunspray 6E Plus may be mixed with other pesticides to improve the level of kill or enhance coverage. Products with which Sunspray may be tank mixed include, but are not limited to, Bacillus thuringiensis, pyrethrum, malathion, and avermectin. Users should read and follow all directions and restrictions on the labels of the proposed tank mix products.

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 without protective clothing until sprays have dried. 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.

BEST AVAILABLE COPY

Written or oral warnings must be given to workers who are expected to be in treated areas or in an area about to be treated with this product. When oral warnings are given, warning shall be given in a language customarily understood by workers. Written warnings must include the following information. *CAUTION-Area treated with Sunspray 6E plus on (date). Do not enter without appropriate protective clothing until sprays have dried." In case of accidental exposure, refer to Statements of Practical Treatment found on this product label.

TERMS

Seller's guarantee shall be limited to the terms of the label and, subject thereto, the buyer/user accepts the product on these conditions. Timing and method of applications, weather and crop conditions, mixtures with other chemicals not specifically recommended, and other influencing factors in the use of this product are beyond the control of the seller.

NOTE: This pesticide is to be sold ONLY in this original unbroken container.

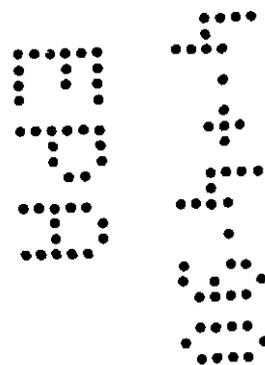


TABLE 1A

CROP	PEST	APPLICATION RATE-GALS.OIL PER ACRE			TIME OF APPLICATION (STAGE OF GROWTH)
		DILUTE SPRAY PER 100 GAL. WATER	CONCENTRATE PER 20-125 GAL.WATER	AERIAL MIN. 20 GAL.SPRAY	
APPLES	APHIDS (eggs)	2	6-8	6-8	DORMANT OR DORMANT TO BLOSSOM
	BUGS (immature) INCLUDING APPLE RED BUG	2	6-8	6-8	
	MITES (eggs) INCLUDING EUROPEAN RED MITE	2	6-8	6-8	
	SCALES (hard, soft)	2	6-8	6-8	
	SCURFY SCALE	3	6-8	6-8	
	FRUIT TREE LEAF ROLLER (eggs)	3	6-8	6-8	
	MITES SCALES	1 1-2	4 4	4 4	
PEARS	EUROPEAN RED MITE (eggs)	1-2	4-6	4-6	DORMANT OR (UP TO ANTEPHASE FALL).
	PEAR LEAF BLISTER MITE (eggs)	3	4-6	4-6	
	PEAR PSYLLA	2	4-6	4-6	
	SCALES	2	4-6	4-6	
	FRUIT TREE LEAF ROLLER (eggs)	3	4-6	4-6	
	TWO-SPOTTED SPIDER MITE	1	4	4-6	SUMMER (FALL) (COVER) OR HARVEST
	BROWN MITE	1	4	4-6	
	PEAR RUST MITE	1-2	4-6	4-6	
	PEAR LEAF BLISTER MITE	1.5-2	4-6	4-6	
	PEAR PSYLLA	1.5-2	4-6	4-6	
	THRIPS	1.5-2	4-6	4-6	

*AERIAL APPLICATION SHOULD BE USED ONLY AS EMERGENCY APPLICATION WHEN SOIL CONDITIONS DO NOT PERMIT REGULAR GROUND APPLICATION (HELICOPTER ONLY).

TABLE 1B

CROP	PEST	APPLICATION RATE-GALS.OIL PER ACRE			TIME OF APPLICATION (STAGE OF DEVELOPMENT)
		DILUTE SPRAY PER 100 GAL. WATER	CONCENTRATE PER 20-125 GAL.WATER	AERIAL MIN. 20 GAL.SPRAY	
ALMONDS APRICOTS CHERRIES	APHIDS (eggs) BUGS (immature) TENT CATERPILLARS & FRUIT TREE LEAF ROLLER (eggs)	2-3	6-8 6-8 6-8	6-8 6-8 6-8	DORMANT OR DELAYED DORMANT
	SAN JOSE SCALE MITES & SCALES	2 1-1.5	4-6 4-6	4-6	DORMANT SUMMER (FOLIAR OR COVER) POST HARVEST - APPLICATION SHOULD NOT BE MADE OVER OIL SENSITIVE VARIETIES - DO NOT APPLY TO TREES LACKING ADEQUATE MOISTURE
PEACHES NECTARINES	APHIDS (eggs) BUGS (immature) FRUIT TREE LEAF ROLLER (eggs) MITES (eggs) PEACH TWIG BORER (hibernaculae)	3	6-8	6-8	DORMANT OR DELAYED DORMANT
	COTTONY PEACH SCALE & SAN JOSE SCALE MITES AND SCALES	2 1-2	4-6 4-6	4-6	DORMANT SUMMER (FOLIAR OR COVER) OR POST HARVEST

* AERIAL APPLICATION SHOULD BE USED ONLY AS EMERGENCY APPLICATION WHEN SOIL CONDITIONS DO NOT PERMIT REGULAR GROUND APPLICATION (HELICOPTER ONLY).

MAY BE USED UP TO DAY OF HARVEST

TABLE 1B (CONT.)

CROP	PEST	APPLICATION RATE-GALS.OIL PER ACRE			TIME OF APPLICATION (STAGE OF DEVELOPMENT)
		DILUTE SPRAY PER 100 GAL. WATER	CONCENTRATE PER 20-125 GAL.WATER	AERIAL* MIN. 20 GAL.SPRAY	
PLUMS PRUNES	APHIDS (eggs) SCALES MITES (eggs) PEACH TWIG BORER (HIBERNACULAE)	1.5-2	6-8	6-8	DORMANT OR DELAYED DORMANT TO 1/2 GREEN TIPS
	MITES SCALES	1-1.5	4-6	4-6	SUMMER (FOLIAR OR COVER) POST HARVEST - DO NOT APPLY OVER CERTAIN FRESH MARKET FRUITS AFTER BLOOM STARTS TO FORM AS THE OIL SPRAY WILL REMOVE THE WAXY BLOOM - APPLICATION SHOULD NOT BE MADE OVER OIL SENSITIVE VARIETIES.
PECANS	APHIDS (eggs) SCALES MITES (eggs)	3	6-8	6-8	DORMANT
	APHIDS MITES	1-1.5	4-6	4-6	SUMMER (FOLIAR OR COVER) POST HARVEST
WALNUTS	APHIDS (eggs) MITES (eggs) SCALES	4-6	-0-	-0-	DELAYED DORMANT - USE ONLY ON TREES THAT HAVE NOT SUFFERED FROM LACK OF MOISTURE AT ANY TIME DURING THE GROWING SEASON. - DO NOT APPLY TO ORCHARDS WHERE SOIL MOISTURE IS LOW. TREES MUST HAVE BEEN FULLY DORMANT
	MITES	4-6 (200 GAL WATER PER ACRE)	-0-	-0-	FOLIAR - LATE SPRING TO EARLY SUMMER - WHEN LEAVES ARE FULLY EXPANDED

* AERIAL APPLICATION SHOULD BE USED ONLY AS EMERGENCY APPLICATION WHEN SOIL CONDITIONS DO NOT PERMIT REGULAR GROUND APPLICATION (HELICOPTER ONLY).

MAY BE USED UP TO DAY OF HARVEST

TABLE 1C

CROP	PEST	APPLICATION RATE-GAL.OIL PER ACRE		COMMENTS
		DILUTE SPRAY PER 100 GAL. WATER	LOW VOLUME PER 80-125 GAL.WATER	
LEMONS AND GRAPEFRUIT	MITES SCALES INCLUDING CALIF.RED SCALE	1.0-1.4 1.0-1.6	10.20	FOR BEST RESULTS, SPRAY DURING FALL, EARLY WINTER & SPRING MONTHS WHEN RED SCALE ARE MORE EASILY CONTROLLED AND TREES GENERALLY LESS REACTIVE TO OILS. FOR ALL CITRUS OIL SPRAYS, ENSURE ADEQUATE SOIL MOISTURE; LEAVES SHOULD NOT WILT BEFORE NOON.
NAVEL* & VALENCIA ORANGES, OTHER CITRUS VARIETIES INCLUDING NON-BEARING	MITES INCLUDING RUST MITE SPIDER MITE SCALES INCLUDING BLACK SCALE CALIF.RED SCALE WHITEFLY & BLACKFLY SOOTY MOLD	1.0-1.4 1.0-1.3 1.3-1.6 1.0-1.3 1.0-1.3	10.20	FOR LOW VOLUME OIL SPRAY TREATMENT DURING THE SPRING APPLICATION SHOULD BE DISCONTINUED AS SOON AS TEMPERATURES GO ABOVE 90 F DURING THE DAY OR RELATIVE HUMIDITY IS EXPECTED TO GO DOWN TO 20 PERCENT OR BELOW. OILS APPLIED AFTER OCT. MAY INCREASE COLD DAMAGE TO TREES. OILS APPLIED IN AUG. & SEPT. MAY AFFECT SOLIDS CONTENT AND RETARD COLORING. THE ADDITION OF A TANK MIX PESTICIDE WILL IMPROVE PERFORMANCE AGAINST SCALES.

* LOW VOLUME APPLICATIONS REQUIRE A MINIMUM OF 10 GALLONS OF OIL PER ACRE FOR TREES UP TO 10 FEET IN HEIGHT PLUS 1 GALLON PER ACRE FOR EACH ADDITIONAL FOOT OF AVERAGE TREE HEIGHT. FOR NAVELS, WITH THE DEVELOPMENT OF BLOOM, THE AMOUNT OF SPRAY OIL ADDED TO THE 10-GALLON-PER-ACRE DOSAGE FOR TREES TALLER THAN 10 FEET, IN GALLONS PER ACRE ADDITIONAL FOOT OF AVERAGE TREE HEIGHT, SHOULD BE REDUCED TO 3/4 GALLON AND THEN TO 1/2 GALLON AT PETAL-FALL AND POSTBLOOM THROUGH THE JUNE DROP PERIOD.

MAY BE USED UP TO DAY OF HARVEST

10/28/17

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TABLE 2
 SHADE TREES, SHRUBS, ORNAMENTALS, FLOWER & FOLIAGE PLANTS, CHRISTMAS TREES

CROP OR PLANT	PEST	DILUTION RATE OF GAL. OIL PER 100 GAL. WATER	TIME OF APPLICATION
SHADE TREES* AND SHRUBS INCLUDING CONIFERS, DECIDUOUS BROADLEAF EVERGREENS AND WOODY ORNAMENTALS ORNAMENTAL TREES* SHRUBS ALONG CITY STREETS, OTHER RIGHTS-OF-WAY INCLUDING CONIFERS, DECIDUOUS AND BROADLEAF EVERGREENS	APHIDS ADELGIDS BUGS (immature) CERTAIN CATERPILLARS ERIOPHYID MITES GALL MITES LACE BUG LEAF BEETLE LARVAE LEAF MINER MEALYBUG PSYLLIDS (immature) SAWFLY (larvae) SCALES (immature) SPIDER MITES THRIPS WHITEFLIES (immature)	2-4 1-3	WINTER DORMANT PERIOD AS NEEDED SUMMER (FOLIAR OR COVER) AS NEEDED
FLOWERS & FOLIAGE PLANTS INCLUDING ROSES AND OTHER FLOWERING SHRUBS. FOLIAGE ORNAMENTALS AND BEDDING PLANTS.	WHITEFLIES (immature)	2-3 1-2 GALS.	WINTER DORMANT PERIOD - AS NEEDED SUMMER (FOLIAR OR COVER) AS NEEDED
CHRISTMAS TREES*	APHIDS ADELGIDS SCALE (SOFT & HARD) (immature) SPIDER MITES	2-4 GALS. 1-3 GALS	WINTER SUMMER

* OIL REMOVES THE GLAUCOUS (BLUE) BLOOM FROM SUCH EVERGREENS AS COLORADO BLUE SPRUCE AND KOSTER SPRUCE. ALWAYS USE LOWER DOSAGE ON OIL SENSITIVE PLANTS SUCH AS CRYTOMERIA, SMOKE TREE, CHAMAECYPRIS. TENDENCY TOWARD SENSITIVITY: JAPANESE HOLLY, REDBUD., DO NOT SPRAY WALNUT FOLIAGE.

CAUTION: SPRAY NO MORE THAN 4 TIMES DURING THE GROWING SEASON; TWO WEEK MINIMUM APPLICATION INTERVAL. DO NOT SPRAY WHEN BUDS HAVE FULLY OPENED AND SHOOT ELONGATION IS OCCURING. DO NOT SPRAY WHEN THERE IS OBVIOUS MOISTURE DEFICIT IN LEAVES, OR THE PLANT IS UNDER STRESS. FALL DORMANT TREATMENTS ARE NOT RECOMMENDED.

TABLE 3

SMALL FRUITS

CROPS INCLUDING BUT NOT LIMITED TO:	PEST	DILUTION RATE-GAL.OIL PER 100 GAL. WATER	TIME OF APPLICATION
CANE BERRIES	APHIDS LEAFHOPPER MITES WHITEFLY (immature) PSYLLID	2 1 2	DORMANT SPRING-SUMMER (FOLIAR) POST HARVEST
CRANBERRIES	LEAFHOPPER SCALE	1-2	AS NEEDED
BLUEBERRIES	THRIPS MITES SAWFLY (eggs) SCALES	2 2 2 3	FOLIAGE FOLIAGE DORMANT
STRAWBERRIES	APHIDS MITES	1	DORMANT AND FOLIAGE

MAY BE USED UP TO DAY OF HARVEST.

TABLE 3 (CONT.)

CROP	PEST	APPLICATION RATE OF OIL-GALLONS PER ACRE		TIMING OF APPLICATION
		DILUTE SPRAY	CONCENTRATE SPRAY* 40-100 GALS. SPRAY PER ACRE	
GRAPES	MEALYBUG	4-6 GAL. WITH 200 TO 300 GAL. WATER/ACRE	N.A.	DORMANT - TANK MIX USING AN INSECTICIDE IMPROVES CONTROL.
	MEALYBUG	N.A.	4	SPRAY WHEN CRAWLERS ARE ACTIVE AND EXPOSED, USUALLY AROUND EARLY SUMMER (AROUND JULY 1)
	LEAFHOPPER	N.A.	4	BEST RESULTS WILL OCCUR WHEN SPRAYED DURING FIRST BROOD. SPRAYS AFTER GRAPES ARE MORE THAN 1/4 DIAMETER MAY AFFECT BLOOM.
	MITES	N.A.	4	APPLY BEFORE MITES REACH HIGH POPULATIONS. VINEYARD SHOULD BE VIGOROUS AND AMPLY SUPPLIED WITH MOISTURE. DO NOT ALLOW EXCESSIVE WEBBING OR BURNING.

*AIR-CARRIER OR AIR-BLAST TYPE SPRAYERS STRONGLY RECOMMENDED TO AVOID PLANT INJURY AND REDUCE AFFECT ON BLOOM OF TABLE GRAPES.

TABLE 4

VEGETABLES

CROPS INCLUDING BUT NOT LIMITED TO:	PEST	DILUTION RATE-GAL.OIL PER 100 GAL. WATER	TIME OF APPLICATION
ASPARAGUS BEANS BEETS CORN CUCURBITS PEPPERS RADISHES SQUASH TOMATOES	APHIDS MITES BEETLE LARVAE LEAFMINERS CERTAIN CATERPILLARS THRIPS LEAFHOPPER WHITEFLY	1-2	AS NEEDED

MAY BE USED UP TO DAY OF HARVEST

TABLE 5

FIELD CROPS

CROPS INCLUDING BUT NOT LIMITED TO:	PEST	DILUTION RATE-GAL.OIL PER 100 GAL. WATER	TIME OF APPLICATION
ALFALFA CORN (sweet & field) SUGAR BEETS	APHIDS MITES LEAFMINER WHITEFLY CERTAIN CATERPILLARS INCLUDING CORN EARWORM, ROOTWORM & ARMYWORM BUGS (immature)	2	AS NEEDED

MAY BE USED UP TO DAY OF HARVEST

TABLE 6

GREENHOUSE

CROP OR PLANT	DILUTION RATE		GALS.OIL PER 100 GAL.WATER	SPECIFIC COMMENTS
	PEST	TABLESPOONS OIL IN 1 GAL.WATER		
INCLUDING BUT NOT LIMITED TO:				DO NOT USE ON COCONUT PALMS OR MAIDENHAIR FERNS.
AZALEAS	APHIDS	2.5-5.0	1-2	CHRYSANTHEMUM AND GERANIUM BLOOMS HAVE SHOWN PHYTOTOXIC SYMPTOMS AT THE 2 GALLON RATE. *ALTHOUGH NO PROBLEMS WITH PHYTOTOXICITY HAVE BEEN SEEN AT RECOMMENDED RATE, WE RECOMMEND THAT THE APPLICATOR CONDUCT A PHYTOTOXICITY TEST ON 1 OR 2 OF THE SPECIFIC PLANTS THAT ARE TO BE TREATED. **NO PHYTOTOXIC EFFECTS HAVE BEEN SEEN WITH POINSETTIA BRACTS AT THE RECOMMENDED RATE.
BEGONIAS	FUNGUS GNAT	2.5-5.0	1-2	
CAMELLIAS	BUGS	2.5-5.0	1-2	
CHRYSANTHEMUM	LEAFMINERS	2.5-5.0	1-2	
CROWN OF THORN	MEALYBUGS	2.5-5.0	1-2	
DIEFFENBACHIA	SCALES (soft	2.5	1	
EASTER LILLIES	& hard)	2.5-5.0	1-2	
FERNS	SPIDER MITES	2.5-5.0	1-2	
GARDENIAS	THRIPS	2.5-5.0	1-2	
GERANIUM	WHITEFLY	2.5-5.0	1-2	
HIBISCUS FOLIAGE	(immature)	2.5-5.0	1-2	
JADE PLANT		2.5-5.0	1-2	
NEW GUINEA		2.5-5.0	1-2	
IMPATIENS				
PALMS		2.5-5.0	1-2	
PHILODENDRON		2.5-5.0	1-2	
POINSETTIAS		2.5	1	
PORTULACANTS		2.5-5.0	1-2	
RIGOR BEGONIAS		2.5-5.0	1-2	
ZINNIAS		2.5-5.0	1-2	
LEAF POLISH FOR HARDY PLANTS		2.5	1	

FREQUENCY OF APPLICATION: FOR THE GREENHOUSE PESTS LISTED, USE ONCE A WEEK INITIALLY, THEN AS THE PEST IS CONTROLLED, DECREASE THE FREQUENCY TO EVERY 2-3 WEEKS AS NEEDED.
APPLICATION SAFETY DURING BLOOM PERIOD SHOULD BE DETERMINED FOR EACH INDIVIDUAL SPECIES OF PLANT TO BE TREATED BY CONDUCTING A SMALL TEST.

INTERIORSCAPES*

PLANTS: INCLUDING BUT NOT LIMITED TO	PEST	DILUTION RATE		COMMENTS
		GALS.OIL PER 100 GAL.WATER	TABLESPOONS OIL IN 1 GAL.WATER	
CHRYSANTHEMUM DIFFENBACHIA DRACAENA FERNS FICUS GARDENIAS JADE PLANT PALMS PHILODENDRON POTHOS SCHEFFLERA	APHIDS LEAFMINERS MEALYBUGS SCALES SPIDER MITES WHITEFLY (immatures)	1-2	2.5-5.0	DO NOT APPLY TO PLANTS IN DIRECT SUNLIGHT BEHIND GLASS. DO NOT USE ON COCONUT PALMS OR MAIDENHAIR FERNS. CHRYSANTHEMUM BLOOMS HAVE SHOWN PHYTOTOXIC SYMPTOMS AT THE HIGHER RATE. APPLICATOR SHOULD CONDUCT A TEST FOR PHYTOTOXICITY BY TREATING A FEW SPECIMENS BEFORE MAKING A LARGE-SCALE APPLICATION.

* PROTECT FLOOR, FLOOR COVERINGS AND FURNISHINGS FROM OVERSPRAY

MISCELLANEOUS:

FIGS: DORMANT OR DELAYED DORMANT: FIG SCALE - USE 3 GALS. IN 100 GAL. WATER AS A FOLIAR SPRAY:

MITES, MEALYBUG, SCALE - USE 2 GALS. PER 100 GAL. WATER.

OLIVES: POSTBLOOM THROUGH AUGUST AND POSTHARVEST: SCALES - USE 1.5 GALS. PER 100 GAL. WATER.

APPLY AT 400 TO 300 GALS. PER ACRE.

BANANA, PLANTAINS: USE AS NEEDED TO CONTROL YELLOW SIGATOKA DISEASE - USE 1-1.5 GAL. PER 100 GAL. WATER.

THIS APPLICATION IS ALSO EFFECTIVE IN LOOSENING SCOTY MOLD FUNGUS AND IN PREVENTING IT'S FORMATION BY THE CONTROL OF APHIDS, MEALYBUGS, SCALE AND WHITEFLY.

AVOCADO (EXCEPT HAAS) AND MANGOS: USE 1-1.5 GALS. PER 100 GAL. WATER AS NEEDED TO CONTROL

APHIDS, MEALYBUGS, SCALE AND WHITEFLY.

MAY BE USED UP TO DAY OF HARVEST