

ACCEPTED
AUG 23 1993
 Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 862-23

LABEL ON FRONT OF CONTAINER

SUN

Sunspray 6E Plus
Effectively Kills Insects Year-Round on
Landscape Plants • Houseplants • Garden Vegetables • Fruit Trees

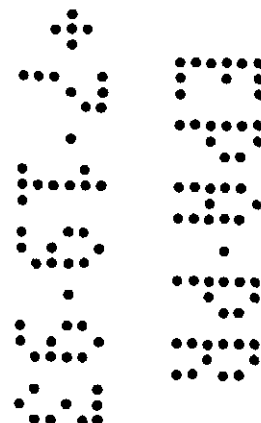


An innovative formulation, for the conscientious home gardener

ACTIVE INGREDIENT:
 Paraffinic Oil98.8%
 Inert Ingredient1.2%

CAUTION:
 Keep Out Of Reach Of Children.
 NET CONTENTS: 1 QUART

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LABEL ADHERED TO BACK OF CONTAINER

SUN

Sunspray SE Plus

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

Active ingredient: Paraffinic Oil*	98.8 wt%
Inert ingredient: Emulsifier	1.2 wt%

CAUTION: KEEP OUT OF REACH OF CHILDREN

PRECAUTIONARY STATEMENTS

Hazards to humans and domestic animals: Avoid contact with eyes, skin and clothing.

Harmful if swallowed.
Avoid breathing of spray mist or vapors.
Wash hands after using.
Avoid contamination of food and feedstuffs.

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 the label.

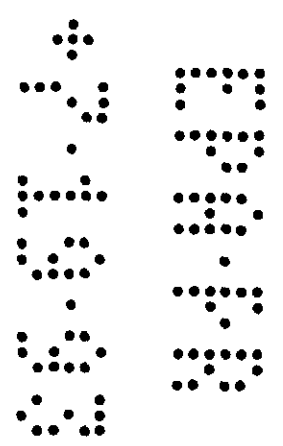
STORAGE AND DISPOSAL

1. Prohibitions: Do not contaminate water, food, or feed by storage or disposal. Open dumping is prohibited.
2. Storage: Keep oil container tightly closed in storage to prevent entry of water or other contaminants. Store in a cool, dry, locked area out of the reach of children. Do not store this product in direct sunlight for prolonged periods of time. This product should be stored in it's original container only.
3. Pesticide Disposal: Securely wrap the original container in several layers of newspaper and discard in the trash.
4. Container Disposal: Do not reuse container (bottle, can, jar). Rinse thoroughly before discarding in the trash.

EPA Registration No. 862-23
EPA Establishment No. 862-PA-1

SUN Sun Company, Inc. (R&M)
1801 Market Street
Philadelphia, PA 19103

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SUN

Sunspray 6E Plus

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

Active Ingredient: Paraffinic Oil*	98.8 wt%
Inert Ingredient: Emulsifier	1.2 wt%

This product controls Adelgids, Aphids, Lace bugs, Leafhoppers, Leafminers (larvae), Mealybugs, Mites, Plant bugs, Psyllids, Sawfly larvae, Scales, Whitefly and eggs of Aphids, Mites and certain caterpillars on vegetables, fruit trees, nuts, certain field crops, shrubs, trees, greenhouse plants, ornamental foliage plants and flowers. This product can be applied up to harvest.

Mix with water according to the mixing directions inside. Follow the recommended dilution rate for the particular plant and pest being sprayed. This quart makes up to 25 gallons of spray when diluted with water.

EPA Registration No. 862-23
EPA Establishment No. 862-PA-1

SUN Sun Company, Inc. (R&M)
1801 Market Street,
Philadelphia, PA 19103

Additional information contained inside on application, precautionary statements, storage and disposal.

READ DIRECTIONS THOROUGHLY BEFORE USING.

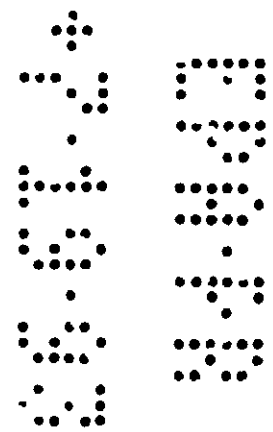
SUN COMPANY WILL NOT ACCEPT LIABILITY FOR DAMAGE OR INJURY RESULTING FROM MISUSE OF THIS PRODUCT.

CAUTION: KEEP OUT OF REACH OF CHILDREN



Net Contents: 1 Quart

EXPIRES 12/31/97



PRECAUTIONARY STATEMENTS

Hazards to humans and domestic animals
Avoid contact with eyes, skin and clothing
Additional precautionary statements contained
in this booklet.
Harmful if swallowed.
Avoid breathing of spray mists or vapors.
Wash hands after using.
Avoid contamination of feed and feedstuffs.

**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 di-
rectly to water. Do not contaminate water when
disposing of equipment wastewaters. Apply this
product only as specified on this label.

STORAGE AND DISPOSAL

1. Prohibitions: Do not contaminate water,
food, or feed by storage or disposal. Open
dumping is prohibited.
2. Storage: Keep oil container tightly closed in
storage to prevent entry of water or other
contaminants. Store in a cool, dry, locked

area out of the reach of children. Do not
store this product in direct sunlight for pro-
longed periods of time. This product should
be stored in it's original container only

3. Pesticide Disposal: Securely wrap the
original container in several layers of news-
paper and discard in the trash.
4. Container Disposal: Do not reuse container
(bottle, can, jar). Rinse thoroughly before
discarding in the trash.

USE PRECAUTIONS

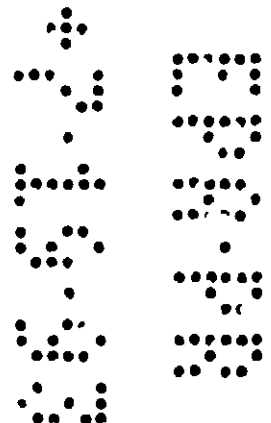
Do not spray plants suffering from drought
(moisture stress). Do not apply during periods of
prolonged high temperature combined with high
relative humidity. Do not use Sunspray

6E Plus with dimethoate, herbicides or
fungicides such as Captan, Folpet, Dyrane,
Karathane, Morestan or any product containing
sulfur. Do not use with Sevin 50W formulation
(carbaryl) on deciduous fruit trees. Keep spray
equipment used for these other products sepa-
rate from the equipment used for Sunspray
6E Plus or make sure the sprayer is
thoroughly cleaned so that no residue from
these other products remain.

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 irri-
gation system.

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MIXING DIRECTIONS

Make sure the spray equipment to be used is clean, dry and odorfree.

1. Fill the spray tank or bottle 3/4 full with water.
2. SHAKE THE CONTAINER OF Sunspray 6E Plus VIGOROUSLY PRIOR TO MEASURING OUT THE DESIRED AMOUNT. Add the appropriate amount of Sunspray 6E Plus to the water and shake.
3. Fill the remaining 1/4 of the spray tank or bottle with water and shake again. The solution should look milky, if it doesn't, do not use it.
4. During application shake the solution frequently. Do not apply to plants if the solution has been sitting for more than 10 minutes without shaking it before resuming application.
5. Do not premix Sunspray 6E Plus and water. Mix just enough for the immediate use.
6. 2 tablespoons = 1 fluid ounce.
4 tablespoons = 1/4 cup = 2 fluid ounces.

APPLICATION INSTRUCTIONS

The target pest and plant should be completely covered with the spray solution to be effective. Do not exceed the maximum rates or apply more often than recommended. May be used up to day of harvest.

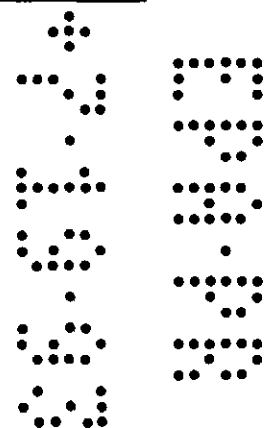
LIMITED WARRANTY AND LIABILITY

This product conforms to the description and is suitable for the uses set forth on this label but is strictly limited to these uses solely as directed under the specified label conditions, and only if purchased in the original unopened container. SELLER DISCLAIMS ANY AND ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THOSE RELATING TO MERCHANTABILITY AND FITNESS FOR PARTICULAR PURPOSE.

Buyer and all users shall assume all risk, liability and damage if this product is used, stored, handled or applied other than as specifically set forth on this label. SELLER'S LIABILITY AND BUYER'S OR USER'S REMEDIES SHALL BE LIMITED TO REFUND OF THE PURCHASE PRICE OR REPLACEMENT OF THE SPECIFIC QUANTITY INVOLVED IN NO EVENT SHALL SELLER BE LIABLE FOR SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES.

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

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TABLE 1A

CROP	PEST	APPLICATION RATE: TABLESPOONS OF SunSpray PER 1 GALLON WATER	TIME OF APPLICATION (STAGE OF DEVELOPMENT)
APPLES	APHIDS (EGGS) BUGS (IMMATURE) INCLUDING APPLE RED BUG MITES (EGGS) INCLUDING EUROPEAN RED MITE SCALES (HARD AND SOFT) SCURFY SCALE FRUIT TREE LEAF ROLLER (EGGS)	5.0 5.0 5.0 5.0 7.5 7.5	DORMANT OR DELAYED DORMANT TO 1/2" GREEN
	MITES SCALES (IMMATURE)	2.5 2.5-5.0	SUMMER (FOLIAR OR COVER) OR POSTHARVEST. DO NOT APPLY OVER FRUIT AFTER WAXY BLOOM FORMS.
PEARS	EUROPEAN RED MITE (EGGS) PEAR LEAF BLISTER MITE (EGGS) PEAR PSYLLA SCALES FRUIT TREE LEAF ROLLER (EGGS)	2.5-5.0 7.5 5.0 5.0 7.5	DORMANT OR DELAYED DORMANT. (UP TO AND INCLUDING PETAL FALL)
	TWO-SPOTTED SPIDER MITE BROWN MITE PEAR RUST MITE PEAR LEAF BLISTER MITE PEAR PSYLLA THRIPS	2.5 2.5 2.5-5.0 4.0-5.0 4.0-5.0 4.0-5.0	SUMMER (FOLIAR OR COVER) OR POSTHARVEST

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TABLE 1B

CROP	PEST	APPLICATION RATE: TABLESPOONS OF SunSpray PER 1 GALLON WATER	TIME OF APPLICATION (STAGE OF DEVELOPMENT)
ALMONDS APRICOTS CHERRIES	APHIDS (EGGS) BUGS (IMMATURE) FRUIT TREE LEAF ROLLER (EGGS) TENT CATERPILLARS SAN JOSE SCALE	5.0-7.5 5.0	DORMANT OR DELAYED DORMANT.
	MITES & SCALES	2.5-4.0	SUMMER (FOLIAR OR COVER) OR POSTHARVEST. APPLICATION SHOULD NOT BE MADE ON 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) COTTONY PEACH SCALE SAN JOSE SCALE	7.5 5.0 5.0	DORMANT OR DELAYED DORMANT
	MITES SCALES (IMMATURE)	2.5-5.0	SUMMER, (FOLIAR OR COVER) OR POSTHARVEST.

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TABLE 1B (CONTINUED)

CROP	PEST	APPLICATION RATE: TABLESPOONS OF SunSpray PER 1 GALLON WATER	TIME OF APPLICATION (STAGE OF DEVELOPMENT)
PLUMS PRUNES	APHIDS (EGGS) SCALES MITES (EGGS) PEACH TWIG BORER (HIBERNACULAE)	4.0-5.0	DORMANT OR DELAYED DORMANT TO 1/2" GREEN TIP
	MITES SCALES	2.5-4.0	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)	7.5	DORMANT
	APHIDS MITES	2.5-4.0	SUMMER (FOLIAR OR COVER) POSTHARVEST
WALNUTS	APHIDS (EGGS) MITES (EGGS) SCALES	10-15	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	10-15 PER 2 GALS WATER	FOLIAR - LATE SPRING TO EARLY SUMMER - WHEN LEAVES ARE FULLY EXPANDED.

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TABLE 1C

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CROP	PEST	APPLICATION RATE: TABLESPOONS OF SunSpray PER 1 GALLON WATER.	COMMENTS
LEMON GRAPEFRUIT	MITES SCALES INCLUDING CALIFORNIA RED SCALE	2.5-4.0	FOR BEST RESULTS, SPRAY DURING FALL, EARLY WINTER & SPRING MONTHS WHEN RED SCALE ARE MORE EASILY CONTROLLED AND TREES ARE GENERALLY LESS REACTIVE TO OIL. FOR ALL CITRUS OIL SPRAYS ENSURE ADEQUATE 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 CALIFORNIA RED SCALE WHITEFLY & BLACKFLY SOOTY MOLD	2.5-4.0	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.

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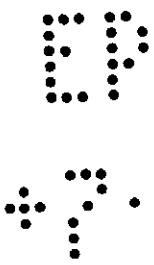
		SunSpray PER 1 GALLON WATER	
SHADE TREES* AND SHRUBS INCLUDING CONIFERS DECIDUOUS, BROADLEAF EVERGREENS & WOODY ORNAMENTALS ORNAMENTAL TREES*, SHRUBS ALONG CITY STREETS AND OTHER RIGHTS OF WAY INCLUDING CONIFERS, DECIDUOUS AND BROADLEAF EVERGREENS FLOWERING AND FOLIAGE PLANTS INCLUDING ROSES AND OTHER FLOWERING SHRUBS FOLIAGE ORNAMENTALS & BEDDING PLANTS	APHIDS ADELGIDS BUGS (IMMATURE) CERTAIN CATERPILLARS ERIOPHYID MITES GALL MITES LACE BUG LEAF BEETLE LARVAE LEAFMINER MEALYBUG PSYLLIDS (IMMATURE) SAWFLY LARVAE SCALES (IMMATURE) SPIDER MITES THRIPS WHITEFLIES (IMMATURE)	5-10	WINTER DORMANT PERIOD AS NEED
		2.5-7.5	SUMMER (FOLIAR OR COVER) AS NEEDED.
		5.0-7.5	WINTER DORMANT PERIOD AS NEEDED.
		2.5-5.0	SUMMER (FOLIAR OR COVER) AS NEEDED.
CHRISTMAS TREES*	APHIDS ADELGIDS SCALES (SOFT + HARD) SPIDER MITES	5-10	WINTER
		2.5-7.5	SUMMER

*OIL REMOVES THE GLAUCUS (BLUE) BLOOM FROM SUCH EVERGREENS AS COLORADO BLUE SPRUCE AND KOSTER SPRUCE. ALWAYS USE LOWER DOSAGE OR TEST SPRAY OIL SENSITIVE PLANTS SUCH AS CRYPTOMERIA, SMOKE TREE, CHAMAECYPRIS, JUNIPER, JAPANESE HOLLY AND SPRUCE. TENDENCY TOWARDS SENSITIVITY: RED CEDAR AND DOUGLAS FIR. 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 OCCURRING. DO NOT SPRAY WHEN THERE IS OBVIOUS MOISTURE DEFICIT IN LEAVES, OR THE PLANT IS UNDER STRESS. FALL DORMANT TREATMENTS ARE NOT RECOMMENDED. KEEP AWAY FROM OPEN BLOOMS - BLEACHING AND SPOTTING HAVE BEEN OBSERVED WITH THE OPEN BLOOMS OF CERTAIN PLANTS.

TABLE 3

SMALL FRUITS



CROP	PEST	APPLICATION RATE: TABLESPOONS OF SunSpray PER 1 GALLONS WATER	TIME OF APPLICATION
CANEBERRIES	APHIDS LEAFHOPPER MITES WHITEFLY (IMMATURE) PSYLLID	5.0 2.5 5.0	DORMANT SPRING-SUMMER (FOLIAR) POST HARVEST
CRANBERRIES	LEAFHOPPER SCALES	2.5-5.0	AS NEEDED
BLUEBERRIES	THRIPS MITES SAWFLY (EGGS) SCALES	5.0 5.0 5.0 7.5	FOLIAGE FOLIAGE DORMANT
STRAWBERRIES	APHIDS MITES	2.5	DORMANT AND (FOLIAGE)
GRAPES	MEALYBUG	10-15 IN 2-3 GAL. WATER	DORMANT - A TANK MIX WITH AN INSECTICIDE IMPROVES CONTROL.

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Table 4

Vegetables

Crop	Pest	Application Rate: Tablespoons of SunSpray per 1 Gallon Water	Time of Application
Asparagus Beans Beets Cabbage Cauliflower & other Cole Crops Celery Corn Cucurbits Eggplant Lettuce Melons Peppers Potatoes Radishes Squash Tomatoes Tobaccc	Aphids Mites Beetle Larvae Leafminers Certain Caterpillars Thrips Leafhopper Whitefly	2 5-5.0	As Needed

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Table 5

Field Crops

Crop	Pest	Application Rate: Tablespoons of SunSpray per 1 Gallon Water	Time of Application
Alfalfa Corn (sweet & field) Cotton Peanuts Soybeans Sugar Beets	Aphids Mites Leafminers Certain Caterpillars including Corn Earworm Rootworm & Armyworm Whitefly Bugs (immature)	5.0	As Needed

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TABLE 6

INTERIORSCAPES*

PLANT	PEST	APPLICATION RATE: TABLESPOONS OF SunSpray Per 1 GALLON WATER	COMMENTS
CHRYSANTHEMUM DIEFFENBACHIA DRACAENA FERNS FICUS GARDENIAS JADE PLANT PALMS PHILODENDRON PATHOS SCHEFFLERA	APHIDS LEAFMINERS MEALYBUGS SCALES SPIDER MITES WHITEFLY (IMMATURES)	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. THE 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 7.5 TBLS IN 1 GAL WATER. AS A FOLIAR SPRAY: MITES, MEALYBUG, SCALE - USE 5.0 TBLS IN 1 GAL WATER.

OLIVES: PRE-BLOOM THROUGH AUGUST AND POSTHARVEST: SCALES - USE 4.0 TBLS IN 1 GAL WATER.

BANANA, PLANTAINS: USE AS NEEDED TO CONTROL YELLOW SIGATOKA DISEASE - USE 2.5-4.0 TBLS OF SunSpray IN 1 GAL WATER. THIS APPLICATION IS ALSO EFFECTIVE IN LOOSENING SOOTY MOLD FUNGUS AND PREVENTS IT'S FORMATION BY CONTROLLING APHIDS, MEALYBUGS, SCALES AND WHITEFLY.

AVOCADO (HAAS VAR. ONLY) AND MANGOS: USE 2.5-4.0 TBLS IN 1 GAL WATER TO CONTROL APHIDS, MEALYBUGS, SCALE AND WHITEFLY.

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TABLE 7

GREENHOUSE

CROP OR PLANT	PEST	APPLICATION RATE:	
		TABLESPOONS SunSpray	Per 1 GALLON WATER
AZALEAS	APHIDS	2.5-5.0	
BEGONIAS	FUNGUS GNAT	2.5-5.0	
CAMELLIAS	BUGS	2.5-5.0	
CHRYSANTHEMUM	LEAFMINERS	2.5-5.0	
CROWN OF THORN	MEALYBUGS	2.5-5.0	
DIEFFENBACHIA*	SCALES	2.5	
EASTER LILIES:	(SOFT+HARD)	2.5-5.0	
FERNS	SPIDER MITES	2.5-5.0	
GARDENIAS	THRIPS	2.5-5.0	
GERANIUM	WHITEFLY	2.5-5.0	
HIBISCUS	(IMMATURE)		
FOLIAGE		2.5-5.0	
JADE PLANT		2.5-5.0	
NEW GUINEA		2.5-5.0	
IMPATIENS			
PALMS		2.5-5.0	
PHILODENDRON		2.5-5.0	
POINSETTIAS		2.5	
PORTULACA		2.5-5.0	
REIGOR BEGONIAS		2.5-5.0	
ZINNIAS		2.5-5.0	
LEAF POLISH FOR HARDY PLANTS.		2.5	

DO NOT USE ON COCONUT PALMS OR MAIDENHAIR FERNS.

CHRYSANTHEMUM AND GERANIUM BLOOMS HAVE SHOWN PHYTOTOXIC SYMPTOMS AT THE 5 TABLESPOON RATE.

*ALTHOUGH NO PROBLEMS WITH PHYTOTOXICITY HAVE BEEN SEEN AT THE RECOMMENDED RATE, WE RECOMMEND THAT THE APPLICATOR CONDUCT A PHYTO-TOXICITY TEST ON 1 OR 2 OF THE SPECIFIC PLANTS THAT ARE TO BE TREATED.

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.