



11 19 862-23
File 10/22

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

FEB 23 1994

NANCY E.H. WRIGHT
SUN COMPANY, INC. (R&M)
1801 MARKET STREET
PHILADELPHIA, PA. 19103

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

Subject: Label Amendment Submission of 9/15/93 Response to PR Notice 93-7
EPA Reg. No. 862-23
SUNSPRAY 6E PLUS

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 reflected on the enclosed sheet. A copy of your proposed labeling stamped "ACCEPTED WITH COMMENTS" is enclosed.

WHAT THIS ACCEPTANCE MEANS:

Based on your certification, the Agency has accepted the labeling changes that are necessary to comply with the Worker Protection Standard (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 not been reviewed or 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:

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



Recycled/Recyclable
Printed with Soy/Canola ink on paper that
contains at least 50% recycled fiber

10/22

20752

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 printed 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

Field

ACCEPTED
with COMMENTS
In EPA Letter Dated

SUNSPRAY 6E PLUS

A Superior Horticultural Spray Oil
for Insect and Mite Pest Management

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

862-23

ACTIVE INGREDIENT:	Paraffinic oil*	98.8 %
INERT INGREDIENT:	Emulsifier	1.2 %
*Unulfonated Residue of Paraffinic Oil		92.0% Min
*50% Distillation Point of Paraffinic Oil		414.0 F
*10%-90% Distillation Range of Paraffinic Oil		65.0 F Max
*Flash Point		345 F
Weight per Gallon		7.1 lbs

KEEP OUT OF REACH OF CHILDREN

CAUTION

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.
- If Inhaled: Move to fresh air.

Mfg by: Sun Company, Inc (R&M)
Ten Penn Center
1801 Market Street
Philadelphia PA 19103

EPA REG No: 862-23
EPA EST NO:

Net contents: 1 Quart, 2 Quarts, 1 Gallon, 2.5 Gallons, 5 Gallons,
30 Gallons, 55 Gallons (also Bulk)

PRECAUTIONARY STATEMENTS

Hazards to humans
(& domestic animals)

Avoid contact with eyes, skin and clothing. Harmful if swallowed. Avoid breathing of spray mists or vapors. Avoid contamination of feed and foodstuffs.

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 E on an EPA chemical resistance category selection chart.

delete

Applicators and other handlers must wear:

Long-sleeved shirt and long pants
Shoes plus socks

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.

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.

Storage and Disposal - Commercial / Ag

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 - Retail/Consumer

60/22

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, Dyrene, Karathene, 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 separate 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.

~~Do not use Sunspray 6E Plus with dimethoate, herbicides or fungicides such as Captan, Folpet, Dyrene, Karathene, 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 separate 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.~~

MIXING INSTRUCTIONS - Commercial/Aq

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 has 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.

MIXING DIRECTIONS - Retail/Consumer

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.

BEST COPY AVAILABLE

6

7/2/22

GENERAL INFORMATION

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, fruits, tree nuts, certain field crops, shrubs, trees, greenhouse plants, ornamental foliage plants and flowers. This product can be applied up to harvest.

APPLICATION INSTRUCTIONS - Commercial/Ag

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 ground application is extremely important. Tractor speed from 1 M.P.H. 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.

APPLICATION INSTRUCTIONS - Retail/Consumer

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.

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.

MAY BE USED UP TO DAY OF HARVEST.

USES - Commercial/Ag only

TANK MIXES: SunSpray 6E Plus may be mixed with 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.

Note: THIS PESTICIDE IS TO BE SOLD ONLY THIS ORIGINAL UNBROKEN CONTAINER.

7

80/221

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 product is to be sold ONLY in the original unopened container.~~

BEST COPY AVAILABLE

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9/22

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. 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 instructions 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
- waterproof gloves
- shoes plus socks

10/25/52

Table 1A

Crop	Pest	Application Rate- Gals Oil			APPLICATION RATE: TABLESPOONS OF SunSpray PER 1 GALLON WATER	Time of Application (Stage of Development)
		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	5.0	Dormant or Delayed to 1/2" Green
	Bugs (immature) Including Apple Red Bug	2	6-8	6-8	5.0	
	Mites (eggs) Including European Red Mite	2	6-8	6-8	5.0	
	Scales (hard, soft)	2	6-8	6-8	5.0	
	Scurfy Scale	3	6-8	6-8	7.5	
	Fruit Tree Leaf Roller (eggs)	3	6-8	6-8	7.5	
	Mites	1	4	4	2.5	
Scales (IMMATURE)	1-2	4	4	2.5-5.0		
Pears	European Red Mite (eggs)	1-2	4-6	4-6	2.5-5.0	Dormant or Delayed (Up To And Including Fall).
	Pear Leaf Blister Mite (eggs)	3	4-6	4-6	7.5	
	Pear Psylla	2	4-6	4-6	5.0	
	Scales	2	4-6	4-6	5.0	
	Fruit Tree Leaf Roller (eggs)	3			7.5	
	Two-Spotted Spider Mite	1	4	4-6	2.5	
	Brown Mite	1	4	4-6	2.5	
	Pear Rust Mite	1-2	4-6	4-6	2.5-5.0	
	Pear Leaf Blister Mite	1.5-2	4-6	4-6	4.0-5.0	
	Pear Psylla	1.5-2	4-6	4-6	4.0-5.0	
Thrips	1.5-2	4-6	4-6	4.0-5.0		

*Aerial application should be used only as emergency application when soil conditions do not permit regular ground application (helicopter only).

11/07/52
Table 1B

Crop	Pest	Application Rate- Gals Oil			APPLICATION RATE: TABLESPOONS OF SunSpray PER 1 GALLON WATER	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) San Jose Scale	2-3 2	6-8 4-6	6-8	5.0-7.5 5.0	Dormant or Delayed Dormant Dormant
	Mites and Scales	1-1.5	4-6	4-6	2.5-4.0	Summer (Foliar or Cover) or Post Harvest. -Application Should Not Be Made Over Oil Sensitive Varieties -Do Not Apply To Trees Lacking Adequate Moisture.
Peach Nectarine	Aphids (eggs) Bugs (immature) Fruit Tree Leaf Roller (eggs) Mites (eggs) Peach Twig Borer (hibernaculae)	3	6-8	6-8	7.5	Dormant or Delayed Dormant
	Cottony Peach Scale San Jose Scale	2	4-6		5.0 5.0	Dormant
	Mites and Scales (IMMATURE)	1-2	4-6	4-6	2.5-5.0	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).

12/20/20

Table 1B (cont.)

Crop	Pest	Application Rate- Gals Oil			APPLICATION RATE:	Time of Application (Stage of Development)
		Dilute Spray Per 100 Gal. Water	Concentrate Per 20-125 Gal. Water	Aerial* Min. 20 Gal. Spray	TABLESPOONS OF SunSpray PER 1 GALLON WATER	
Plums Prunes	Aphids (eggs) Scales Mites (eggs) Peach Twig Borer (Hibernaculae)	1.5-2	6-8	6-8	4.0-5.0	Dormant or Delayed Dormant to 1/2" green Tip
	Mites Scales	1-1.5	4-6	4-6	2.5-4.0	Summer (Foliar or Cover) or 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	7.5	Dormant
	Aphids Mites	1-1.5	4-6	4-6	2.5-4.0	Summer (Foliar or Cover) or Post Harvest.
Walnuts	Aphids (eggs) Scales Mites (eggs)	4-6	- 0 -	- 0 -	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	4-6 (200 Gal Water/Acre)	- 0 -	- 0 -	10-15 PER 2 GALS WATER	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).

Table 1C

Crop	Pest	Application Rate- Gals. Oil		APPLICATION RATE:	Comments
		Dilute Spray Per 100 Gal. Water	Low Volume* Spray Per 80-125 Gal. Water	TABLESPOONS OF SunSpray PER 1 GALLON WATER.	
Lemons and Grapefruit	Mites Scales Including Calif. Red Scale	1.0-1.4 1.0-1.6	10-20	2.5-4.0	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	2.5-4.0	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.

14202

Table 2
Shade Trees, Shrubs, Ornamentals, Flower & Foliage Plants, Christmas Trees

Crop or Plant	Pest	Gal. Oil Per 100 Gal. Water	TABLESPOONS OF SunSpray PER 1 GALLON WATER	Time of Application
Shade Trees* And Shrubs Including Conifers, Deciduous Broadleaf Evergreens And Woody Ornamentals	Aphids Adelgids Bugs (immature) Certain Caterpillars	2-4	5-10	Winter Dormant Period As Needed
	Eriophyid Mites Gall Mites Lace Bug Leaf Beetle Larvae Leaf Miner Mealybug	1-3	2.5-7.5	
Ornamental Trees* Shrubs Along City Streets, Other Rights-Of-Way Including Conifers, Deciduous and Broadleaf Evergreens	Psyllids (immature) Sawfly (larvae) Scales (immature) Spider Mites	2-3	5.0-7.5	Winter Dormant Period As Needed
	Thrips Whiteflies (immature)	1-2 Gals.	2.5-5.0	
Flowers & Foliage Plants Including Roses And Other Flowering Shrubs. Foliage Ornamentals And Bedding Plants.				Summer (Foliar Or Cover) As Needed
Christmas Trees*	Aphids Adelgids	2-4 Gals.		Winter
	Scale (soft & hard) (immature) Spider Mites	1-3 Gals.		Summer

*Oil removes the glaucous (blue) bloom from such evergreens as Colorado Blue Spruce and Koster Spruce. Always use lower dosage or test spray oil sensitive plants such as crytomeria, smoke tree, chamaecyparis, juniper, japanese holly and spruce. Tendency toward 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 has been observed with the open blooms of certain plants.

15 of 32

Table 3
Small fruits

			APPLICATION RATE:	
			TABLESPOONS OF SunSpray PER 1 GALLONS WATER	
Crops	Pest	Gal. Oil Per 100 Gal Water		Time of Application
Caneberries	Aphids	2	5.0	Dormant
	Leafhopper	1	2.5	Spring-Summer (Foliar)
	Mites	2	5.0	Post Harvest
	Whitefly (immature)			
	Psyllid			
Cranberries	Leafhopper	1-2		As Needed
	Scale			
Blueberries	Thrips	2	5.0	Foliage
	Mites	2	5.0	Foliage
	Sawfly (eggs)	2	5.0	
	Scales	3	7.5	Dormant
Strawberries	Aphids	1	2.5	Dormant and Foliage
	Mites			

16 of 53

Table 3 (cont)

Crop	Pest	Application Rate- Gallons of Oil		Application Rate: Tablespoons of SunSpray per 1 Gallon Water	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	Not Recommended	10-15 IN 2-3 GAL WATER	Dormant- A Tank Mix Using A Improves Control
	Mealybug	Not Recommended	4		Spray When Crawlers Are Active Usually Around Early Summer
	Leafhopper	Not Recommended	4		Best Results Will Occur When First Brood. Sprays After Grapes Than 1/4" Diameter May Affect
	Mites	Not Recommended	4		Apply Before Mites Reach High Vineyard Should Be Vigorous Supplied With Moisture. Do Not Excessive Webbing Or Burning

*Air-carrier or air-blast type sprayers strongly recommended to avoid plant injury and reduce effect on bloom of table grapes.

17 of 22

TABLE 4 Vegetables Crops	Pest	Gal oil per 100 gal water	APPLICATION RATE: TABLESPOONS OF SunSpray PER 1 GALLON WATER	TIME OF APPLICATION
Asparagus Beans Beets Cabbage Cauliflower & other cole crops Celery Corn Cucurbit Eggplant Lettuce Melon Pepper Potato Radish Squash Tomato Tobacco	Aphids Mites Beetle Larvae Leafminers Certain Caterpillars Thrips Leafhopper Whitefly	1-2 ↓	2.5-5.0 ↓	AS NEEDED

Table 5 Field Crops Crops	Pest	Gal Oil per 100 gal 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)	2	As Needed

18/8/81

Table 6

Greenhouse

Crop Or Plant	Pest	Tablespoons Oil In 1 Gal. Water	Gals. Oil Per 100 Gal. Water	Specific Comments
Azaleas	Aphids	2.5-5.0	1-2	Do Not Use On Coconut Palms Or Maidenhair Ferns Chrysanthemum and Geranium Blooms Have Shown Phytotoxic Symptoms At The 2 Gallon Rate/ 5 TABLESPOON RATE. *Although No Problems With Phytotoxicity Have Been Seen At Recommended Rates, 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 Gnats	2.5-5.0	1-2	
Camellias	Bugs	2.5-5.0	1-2	
Chrysanthemum	Leafminers	2.5-5.0	1-2	
Crown of Thorns	Mealybugs-	2.5-5.0	1-2	
Diffenbachia*	Scales (soft &	2.5	1	
Easter Lilies	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 Impatiens		2.5-5.0	1-2	
Palms		2.5-5.0	1-2	
Philodendron		2.5-5.0	1-2	
Poinsettias**		2.5	1	
Portulaca		2.5-5.0	1-2	
Reiger 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.

19 Oct 67

Interiorscapes*

Plants	Pest	Gals. Oil Per 100 Gal Water	Tablespoons Oil in 1 Gal. Water	Comments
Chrysanthemum Differbachia Dracaena Ferns Ficus Gardenias Jade Plant Palms Philodendron Pothos Schefflera	Aphids Leafminers Mealybugs Scales Spider Mites Whitefly (immature)	1-2	2.5-5.0	Do Not Apply To Plants In Direct Sunlight Behind Glass. Do Not Use On Coconut Palms And 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 Gals. Water.

Oilives: Postbloom through August And Postharvest: Scales- Use 1.5 Gals Per 100 Gal. Water. Apply At 400 to 800 Gal. 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 Sooty Mold Fungus And In Preventing It's Formation By The Control Of Aphids, Mealybugs, Scales and Whitefly.

Avocado (Haas Only) and Mangos: Use 1-1.5 Gals. Per 100 Gal. Water As Needed To Control Aphids, Mealybugs, Scales and Whitefly.

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 Oil. 98.8%

Inert Ingredient. 1.2%

CAUTION:

Keep Out Of Reach Of Children.

NET CONTENTS: 1 QUART

90

18

LABEL ADHERED TO BACK OF CONTAINER

2/2/02

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%

KEEP OUT OF REACH OF CHILDREN

CAUTION

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.
- if Inhaled: Move to fresh air.

PRECAUTIONARY STATEMENTS

Hazards to humans
& domestic animals:

Avoid contact with eyes, skin and clothing. Harmful if swallowed. Avoid breathing of spray mists or vapors. Avoid contamination of feed and foodstuffs.

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 E on an EPA chemical resistance category selection chart.

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Shoes plus socks

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.

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.

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 its 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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21

19

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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, Weevils, 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.

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

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

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



Net Contents: 1 Quart

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20