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SUN

SUNSPRAY® 6E

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

ACTIVE INGREDIENT: Refined Petroleum Distillate	By Wt. 98.8%
INERT INGREDIENT: Emulsifier	1.2%
	100.0%
*Unsulfonated Residue of Petroleum Distillate	92.0% Min.
*50% Distillation Point of Petroleum Distillate	414°F
*Flash Point	345°F
Weight per Gallon	7.1 lbs.
NET CONTENTS	55 Gal.

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 food or food stuffs.

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 by cleaning of equipment or disposal of wastes. 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:** 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 incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

EPA REG. NO. 862-11 BULK ■ U.S. STANDARD

EPA EST NO.



TEN PENN CENTER, 1801 MARKET STREET, PHILADELPHIA, PA 19103

ACCEPTED

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CAUTION

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 on plants during periods of prolonged high temperature and high relative humidity. Do not spray to plants under moisture stress. Do not use in combination with or immediately before or after spraying with dinitro compounds, fungicides such as Captan, Folpet, Dyrene, Karathene, 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 Sevin brand 50W carbaryl on deciduous fruit trees. Also do not use with dimethoate.

SHADE TREE AND ORNAMENTAL PLANT RESTRICTIONS

Oil removes the glaucous (blue) bloom from such evergreens as Colorado blue spruce and Koster spruce. Spray no more than 4 times during the growing season; 2 week minimum application interval. Do not spray to walnut foliage. Use lower dosage on oil sensitive plants such as Chamaecyparis, Cryptomeria, Japanese Holly, Red Cedar and Smoke Tree.

CITRUS

Oils applied after October may increase cold damage to trees; applied in August and September may affect solid contents, retard color.

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 3/4 full topping 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 line 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 deterrent, however the primary target is the pest animal.

TIMING THE TREATMENT

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

DO NOT EXCEED MAXIMUM RATES OR APPLY MORE OFTEN THAN RECOMMENDED

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.

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, warnings shall be given in a language customarily understood by workers. Written warnings must include the following information:

"CAUTION—Area treated with Superior Oil 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.

USES

1. For use as a carrier for Bacillus thuringiensis when applied through a mist blower or cold fog machine.
2. May be used with Ethion and Parathion* to obtain two modes of insecticidal action.
3. May be used with Permethrin on cotton only.
4. May be used in a tank mix with Lorsban on apples, pears, plums, prunes, peaches, sweet corn and field corn.
5. May be used in a tank mix with Supracide® on apples, pears, plums, prunes, pecans, peaches, ornamentals including shade trees and shrubs, citrus (oranges, grapefruit, lemons).
6. May be used as a spreader or carrier for certain synthetic organic insecticides applied for pest control in/on habitable buildings.
7. May be used with ethyl parathion on figs, grapes and walnuts.

*Note: Supracide and Parathion are Restricted Use Pesticides.

EFFICACY

A wide range of mite and insect pests in the egg stage such as: spider and eriophyid mites, armored and soft scales, mealy-bugs, psyllids, whiteflies, aphids, leafrollers, leafhoppers, webworms, caterpillars, plant bugs, leafhoppers, and adelgids. Will kill other immature forms if spray covers the insect.

DIRECTIONS FOR USE

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

CROP	INSECT CONTROL AID	DILUTION RATE, % OR GALLONS OF #E PLUS PER 100 GALLONS OF WATER	Time of Application (Stage of Development)
APPLES	Apple Red Bug	2	Dormant
	European Fruit Lecanium Scale	2	Dormant
	Fruit Tree Leaf Roller	3	Dormant
	European Red Mite	2	Green Tip to Delayed Dormant
	San Jose Scale	2	1/2" Green
	Sourly Scale	3	Delayed Dormant 1/2" Green
PEARS	Fruit Tree Leaf Roller	3	Dormant
	Pear Leaf Blister Mite	2	Late Dormant
	Pear Psylla	2	Late Dormant
PECANS	Obscure Scale	3	Dormant
PEACHES	Cottony Peach Scale	3	Dormant
PLUMS & PRUNES	European Red Mite	2	Dormant to Delayed Dormant
	European Fruit Lecanium Scale	2	1/2" Green
SWEET CORN FIELD CORN	Ear Worms	2	Summer Spring—early
	Fall Army Worm	2	Spring—early
SUGAR BEETS	Mites Leaf Miner	2 gal/acre	As Needed

BLUE BERRIES	Scales Mites	3 2	Dormant Summer
GRAPES	MEALYBUGS	1 GAL/ACRE	Dormant
FIGS	Scaleworms	3 Gal/acre	Dormant/Delayed Dormant
		2 Gal/100 GALLONS	Dormant/Delayed Dormant
OLIVES	Scales	1 GAL/100 GALLONS	Problems or Foliage to be treated
ALMONDS	Aphid Eggs	1	Summer
	Scales Spider Mites	1 1/2	Dormant

CROP	DILUTION RATE, % OR GALLONS OF #E PLUS PER 100 GALLONS OF WATER	Chemical or Pesticide	Post Bloom
CITRUS Scales Glover (long) chaff, purple, red, yellow, snow, brown soft scale California red scale	1 0-1 3		March & April
	1 3-1 6		
Scales listed above and rust mite, greasy spot & sooty mold (Florida only) California red scale	1 0-1 3	Zineb—75% WP-OR- Chlorobenzilate 4	March & April
	1 3-1 6		
Scales listed above & spider mites, black scale, white fly California red scale (Do not use in California)	0 5-0 7	Ethion 4*	Summer (June-July 15)
	0 5-0 7	Perathion 4*	
	0 5-0 7	Malathion 5*	
	0 85-0 9		
Scale insects in post bloom for oil, greasy spot, and sooty mold (Florida only)	1 0-1 3		Summer (June-July 15)

*Add Zineb or chlorobenzilate as listed above for rust mite

CROP	INSECT CONTROL AID	DILUTION RATE, % OR GALLONS OF TONS OF #E PLUS PER APPLICATION 100 GALLONS OF WATER	
SHADE TREES & SHRUBS	Aphids	2-3	Summer
	Aphids		
	Cornucopium		
	Cornucopium		
	Leaf Miner		
	Leaf Miner		
	Leaf Miner		
	Leaf Miner		
	Leaf Miner		
	Leaf Miner		
FLOWER & FOLIAGE PLANTS	Aphids	2	Summer
	Aphids		
	Cornucopium		
	Cornucopium		
	Mealybugs		
	Scale (Immature)		
	Spider Mites		
	Spider Mites		
	Spider Mites		
	Spider Mites		

Use a lower concentration for more sensitive plants.