

NOV 20 1985

Diane G. Quidore
 Sun Refining and Marketing Co.
 P.O. Box 1135
 Marcus Hook, PA 19061-0835

Dear Ms. Quidore:

Subject: Sunspray 6E; Label Revision
 EPA Registration No. 862-11 ✓
 Sunspray 6N; Label Revision
 EPA Registration No. 862-10
 Sunspray 7E; Label Revision
 EPA Registration No. 862-6
 Sunspray 7N; Label Revision
 EPA Registration No. 862-8
 Sunspray 11E; Label Revision
 EPA Registration No. 862-9
 Sunspray 11N; Label Revision
 EPA Registration No. 862-4
 Submissions Dated September 25, 1985

162403
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The Labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is provisionally acceptable, and a stamped copy is enclosed for your records.

This letter of acceptance supercedes our letter of 10/25/85, regarding your use of the word CAUTION on you product's labels. And, as per your telephone conversation on November 15, 1985 with Mr. Mack of this office, you must delete the word caution from the labeling everywhere it appears except for the "Child Hazard Warning" and "Reentry" statement. This change should be made at the next printing of finished labels.

Sincerely,

Jay S. Ellenberger
 Product Manager (12)
 Insecticide-Rodenticide Branch
 Registration Division (TS-767)

SUN SUNSPRAY® 6E

A superior horticultural spray oil for use in the formulation of insecticides.

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.

CAUTION: KEEP OUT OF REACH OF CHILDREN.

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.
If on skin: wash with soap and water.
If in eyes: flush with water.

PRECAUTIONARY STATEMENTS

Hazards to humans and domestic animals.
See side panel for additional precautionary statements.

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

- Prohibitions:** Do not contaminate water, food, or feed by storage or disposal. Open dumping is prohibited.
- Storage:** Store in a cool, dry, locked place out of the reach of children.
- Pesticide Disposal:** Pesticide, spray mixture, or rinse water that cannot be used according to label instructions must be disposed of according to applicable Federal, state, or local procedures.
- Container Disposal:** (a) Reseal container and offer for reconditioning, or (b) triple rinse (or equivalent) and offer for recycling, reconditioning or disposal in an approved landfill, or bury in a safe place.
- General:** Consult Federal, state or local disposal authorities for approved alternative procedures.

EPA REG. NO. 862-11

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SUN Sun Refining and
Marketing Company


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

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. Do not apply during periods of drought or when plants exhibit 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. Also do not use with Sevin or dimethoate.

TANK MIXES

It is important for users to read and follow all directions and restrictions on the labels of the proposed tank mix products.

ORNAMENTAL PLANTS

Oil might remove the glaucous (blue) bloom from such evergreens as Colorado blue spruce and Koster spruce. Use with caution and reduced dosage for summer application on Japanese Red Maple, Amur Maple and Black Walnut. Use with caution and reduced dosage for dormant application on Sugar Maple and Redbud.

CITRUS

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

TIMING THE TREATMENT

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

MIXING DIRECTIONS

Add sufficient water to the mixing tank to allow proper agitation. Maintain agitation until solution is used. If other pesticides are to be added, do so after the water and oil have been thoroughly mixed.

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.

USES

- For use as a carrier for *Bacillus thuringiensis* when applied through a mist blower or cold fog machine.
- May be used with Ethion and Parathion* to obtain two modes of insecticidal action.
- May be used with Permethrin on cotton only.
- May be used in a tank mix with Lorsben on apples, pears, plums, prunes, peaches, sweet corn and field corn.
- 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).
- May be used as a spreader or carrier for certain synthetic organic insecticides applied for pest control in/on habitable buildings.

*Note: Supracide and Parathion are "Restricted Use Pesticides."

CONTROLS

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

ACCEPTED
with COMMENTS
in EPA Letter Dated:

NOV 20 1985

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

862-11

DIRECTIONS FOR USE

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

CROP	INSECT CONTROL AID	Application Rate 6E Gallons per 100 Gallons of Dilute Spray	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
	Scurfy Scale	3	Delayed Dormant 1/2" Green
PEARS	Fruit Tree Leaf Roller	3	Dormant
	Pear Leaf Blister Mite	3	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
SHADE TREES	Spider Mites	3	Dormant
	Scales	2	Summer
	Certain Caterpillars		
ORNA-MENTALS	Plant Bugs	3	Dormant
		2	Summer
SHRUBS	Same As Trees	3	Dormant
SWEET CORN FIELD CORN	Ear Worms	2	Summer
	Fall Army Worm		Spring-early
	Corn Root Worm		Spring-early
SUGAR BEETS	Mites	2gal/acre	As Needed
	Leaf Miner		

CROP	% or Gallons of 6E 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
	1.0-1.3		
	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* Parathion 4* Malathion 5*	Summer (June-July 15)
	0.5-0.7		
	0.5-0.7		
	0.65-0.9		
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.



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