

SUNSPRAY 11E

A Superior Horticultural Spray Oil

ACCEPTED
JAN 10 1994
Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 162-9

ACTIVE INGREDIENT: Refined Petroleum Distillate*
INERT INGREDIENTS: Emulsifier

98
1.2 wt%

*Unulfonated Residue of Petroleum Distillate	92.0% Min
*50% Distillation Point	468.0 F
*Flash Point	375.0 F
Weight per Gallon	7.2 lbs

CAUTION: KEEP OUT OF REACH OF CHILDREN

Precautionary Statements

Hazards to humans and domestic animals. Avoid contact with eyes, skin and clothing. Additional precautionary statement contained in this booklet.

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 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 in this booklet.

Storage and Disposal

- Prohibitions:** Do not contaminate water, food, or feed by storage or disposal. Open dumping is prohibited.
- Storage:** Store product in a cool, dry, locked area out of the reach of children. Keep oil container tightly closed in storage to prevent entry of water.
- Pesticide Disposal:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

BEST AVAILABLE COPY

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.

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. Spray only when temperature is above 40°F and there is no danger of freezing. 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 50W formulation (carbaryl) or deciduous fruit trees. Also, do not use with dimethoate. Store drum on its side. Roll drum before use if stored over season.

Shade Tree and Ornamental Plant Restrictions:

Oil removes the glaucous (blue) bloom from such evergreens and Colorado blue spruce and Koster spruce. Do not spray to walnut foliage. Use lower dosage on oil sensitive plants such as Chamaecyparis, Cryptomeria, Japanese Holly, Juniper, Red Cedar, Redbud, Spruce, Douglas Fir, Sugar Maple and Smoke Tree.

MIXING DIRECTIONS

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 the 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 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 deterrent, however, the primary target is the pest animal.

Timing the Treatment

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

DO NOT EXCEED MAXIMUM RATES OR APPLY LATER 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 or 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 in this booklet.

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.

Direction 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	Application Rate 11E Gallons per 100 Gallons of Dilute Spray	Time of Application (Stage of Development)
APPLES	Apple Red Bug	2	Dormant
	European Fruit		Dormant
	Lecanium Scale	2	Dormant
	Fruit Tree	3	Dormant
	Leaf Roller		
	European	2	Green Tip to
	Red Mite		Delayed Dormant
			1/2" Green
	San Jose Scale	2	Delayed Dormant
			1/2" Green
	Scurfy Scale	3	Delayed Dormant
			1/2" Green
PEARS	Fruit Tree	3	Dormant
	Leaf Roller		
	Pear Leaf	3	Dormant
	Blister Mite		
	Pear Psylla	2	Late Dormant
PECANS	Obscure Scale	3	Dormant
PEACHES	Cottony Peach Scale	3	Dormant
PLUMS & PRUNES	European Red Mite	2	Dormant to
	European Fruit		Delayed Dormant
	Lecanium Scale	2	1/2" Green
NECTARINES	San Jose Scale	2	Dormant
CHERRIES (Sweet & Tart)	San Jose Scale	2	Dormant
BLUEBERRIES	San Jose Scale	2	Dormant
	Putnam Scale	3	Dormant
AZALEA	Azalea Bark Scale	2	Dormant to
	European Red Mite		Bud Break
FLOWER CRAB	As Above	2	As Above
FLOWERING CHERRY	As Above	2	As Above
DOGWOOD	Dogwood Scale	2	As Above
	San Jose Scale		
EUONYMUS	San Jose Scale	2	As Above
	Euonymus Scale		
HOLLY	Holly Scale	2	As Above
HANTHORN	San Jose Scale	2	As Above

CROP	INSECT CONTROL AID	Application Rate 11E Gallons per 100 Gallons of Dilute Spray	Time of Application (Stage of Development)
JUNIPER	Juniper Scale	2	As Above
LILAC	San Jose Scale	2	As Above
PINES	Pine Needle Scale	2	As Above
PRIVET	White Peach Scale	3	As Above
RHODODENDRON	Azalea Bark Scale	2	As Above
ROSE	Rose Scale	2	Dormant
SPIREA	San Jose Scale	2	Dormant to Bud Break