

Russell Chemical NARROW RANGE OIL

Revised 9/75

USE DIRECTIONS: AMOUNTS GIVEN ARE FOR 100 GALLONS OF WATER.

LEMONS: Red Scale, Yellow Scale, Purple Scale, Black Scale, Brown Soft Scale, Citrus Red Mite, Citrus Bud Mite: 1.2 to 1.4 gallons with thorough coverage. In Southern California, April and May and/or September through December. In Central California, August through October. To aid in control of Red, Black, Yellow, or Purple Scale add **RUSSELL CHEMICAL MALATHION 8 EMULSIBLE** at 4 oz. (at least 7 days before picking) or **Sevin 80 SP** at 0.5 lbs. (at least 5 days before picking). To aid in control of Citrus Bud Mite, add Chlorobenzilate 4EC at 5 oz.

ORANGES, GRAPEFRUIT, AND OTHER CITRUS VARIETIES: Red Scale, Yellow Scale, Purple Scale, Black Scale, Citricula Scale, Brown Soft Scale, Citrus Red Mite, Pacific Spider Mite, Two-Spotted Spider Mite: 1.2 to 1.4 gallons with thorough coverage late summer and fall (August through December). Central California: July through October. To aid in control of Red, Yellow, Black, or Purple Scale, add **RUSSELL CHEMICAL MALATHION 8 EMULSIBLE** at 4 oz. (at least 7 days before picking) or **Sevin 80 SP** at 0.5 lbs. (at least 5 days before picking).

LOW VOLUME APPLICATION: **ORANGES, GRAPEFRUIT, LEMONS, Citrus Red Mite.**

NEUTROPHILS: Apply at the rate of 10 to 20 gallons/acre in 20 to 30 gallons of total solution.

GROUND: Low volume modified speed sprayer or other low volume concentrate sprayer, apply at the rate of 15 to 25 gallons/acre in a minimum of 50 gallons of solution/acre. **RUSSELL CHEMICAL MALATHION 8 EMULSIBLE** may be added at the rate of 60 to 100 oz./acre (at least 7 days before picking) or **Sevin 80 SP** at 7.5 to 12.5 lbs/acre (at least 5 days before picking). Observe all cautions for proper practice and uniform coverage.

SPREADER STICKER ON ALL CITRUS VARIETIES: May be used as a spreader-sticker with Kelthane, Delnav, or Chlorobenzilate 4 EC at a rate not to exceed 0.4%. Do not use when freezing temperatures are expected.

BLACK SCALE ON ALL CITRUS VARIETIES: Apply at the rates recommended above as soon as practicable following completion of major hatch. When

treatment has been delayed and larger stages are present add **Sevin 80 SP** as suggested above or add rotenone at 0.5 to 0.75 lbs.

APRICOTS, ALMONDS, CHERRIES, WALNUTS, NECTARINES, PEACHES, PLUMS, PRUNES: Summer use for Red Mites, 1 gallon to 100 or 6 gallons to acre in 100 to 300 gallons water with the following special recommendation in addition to the general cautions: 1. Do not apply over certain fresh market fruits after bloom starts to form as the oil spray will remove the waxy bloom. 2. Care should be taken in combining oil sprays with certain miticides and insecticides due to possible increased phytotoxicity when applied over foliage. See Agricultural Extension Service for recommendations on special combinations. 3. Application should not be made over oil sensitive varieties of plums, apricots, prunes and almonds.

Summer stage (post harvest) of Brown Apricot Scale, San Jose Scale; 1 to 1.5 gallons. Dormant or Delayed Dormant: San Jose Scale, Parlatoria Scale, Brown Apricot Scale, Black Scale, Mite Eggs, Aphid Eggs; 2 gallons. Delayed Dormant: Leaf Roller Eggs; 2.5 gallons.

APPLES AND PEARS: Summer application for Red Mites: 1 gallon. Do not apply over fruit after waxy bloom as oil will remove wax. Immature summer stage (post harvest) of San Jose and Italian Pear Scale, use 1 to 1.5 gallons. General use as an aid to adherence of insoluble insecticides, use 1 quart. Dormant and Delayed Dormant: San Jose Scale, Italian Pear Scale, 1.5 to 2 gallons. Delayed Dormant: Leaf Roller Eggs, 2.5 gallons. Pear Psylla, 1 gallon.

AVOCADOS, HAAS VARIETY ONLY: Avocado Brown Mite, 1 gallon with thorough coverage through late fall.

GRAPES: DORMANT. Spray for control of Mealy bug; 1 gallon plus 1 quart Parathion 4E.

OLIVES: Parlatoria, Black, Oleander Scale: Post bloom, use 1.5 gallons or 1 gallon plus either 1 pound Parathion 25W or 1.25 pounds **Sevin 80 SP** when severity of infestation warrants.

GENERAL DIRECTIONS: Growth should be in a healthy condition when sprayed. For best results, use sufficient equipment of the proper type. Use only in spray machines with powerful positive

agitation. Keep agitator running at all times during spray operation. This spray oil is formulated as a fast-break oil and will not stay in solution unless agitated constantly.

The spray tank must be clean. With agitator running, start filling spray tank with water. Add spray only when tank is about 1/2 full and with sufficient agitation of the spray to insure complete emulsification. Good emulsification is indicated when mixture turns white.

When combining a wettable powder or other additive, the product should be added slowly into the spray tank when 1/2 or more full and after the spray oil has become uniformly dispersed in the water. If oil floats to the top of the tank or is thrown out of emulsification, cause the addition of the insoluble additive.

HARMFUL IF SWALLOWED. Avoid prolonged or repeated contact with skin. Avoid breathing spray mist. Keep out of any body of water. Do not contaminate water by the cleaning of equipment or disposal of wastes. Do not reuse empty drum. Return to a drum reconditioner or dispose of in accordance with state and local regulations.

CAUTIONS: Being an oil spray, application should NOT be made when the soil (especially the sub-soil) is relatively dry; when the temperature is above 95 degrees Fahrenheit. Do NOT use oil with Aromite, Omite, Captan, Dinitro, Dichloro, Glyodin, Karthane, Sulphur, Lime Sulphur, or Methoxychlor. Do NOT use oil 60 days before or until 90 days after Sulphur, Captan, Monastan, Pictan or Pholan products. Do NOT mix with insecticides or fungicides incompatible with oil.

COMPOSITION:
ACTIVE INGREDIENTS: Petroleum Oil by weight 99.7%
INERT INGREDIENTS 0.3%
Unvolatilized Residue, minimum 96%
Petroleum Oil Classification — Unkempt

CAUTION: KEEP OUT OF REACH OF CHILDREN. Avoid storage near or contamination of food, feedstuffs or drinking water.

READ THE ENTIRE LABEL BEFORE USING. USE STRICTLY IN ACCORDANCE WITH LABEL CAUTIONS AND DIRECTIONS. DO NOT USE THIS MATERIAL IF IT TALKS TO YOU.

STATE REG. NO. 11159-50015 AA
EPA EST. NO. 11159-CA-01
NET CONTENTS 5 GALLONS

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