PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Harmful if swallowed or absorbed through skin or inhaled. Prolonged or frequently repeated skin contact may cause allergic reaction in some individuals. This product is a potential skin sensitizer. Causes moderate eye irritation. Avoid contact with eyes, skin, or clothing. Avoid breathing spray mist. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash clothing before reuse.

NOTE TO PHYSICIAN: Petroleum distillate poses aspiration pneumonia hazard. Only minor irritation should be expected from any type of exposure other than pulmonary aspiration. Ingestion may result in some gastroenteritis and mild diarrhea. Since systemic toxicity is not expected, the added risk of aspiration from attempts to induce vomiting or lavage are deemed not warranted.

FOR A MEDICAL EMERGENCY INVOLVING THIS PRODUCT CALL: PROSAR at 1-800-222-3334, or a poison control center.

IF IN EYES: Hold eye open and rinse slowly and gently with water for 15 - 20 min. Remove contact lenses, if present, after the first 5 min, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

FIRST AID

IF SWALLOWED: Immediately call a poison control center or doctor. Do not induce vomiting unless told to by a poison control center or doctor. Do not give any liquid to the person. Do not give anything by mouth to an unconscious person.

IF IN EYES: Hold eye open and rinse slowly and gently with water for 15 - 20 min. Remove contact lenses, if present, after the first 5 min, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

IF ON SKIN OR CLOTHING: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 - 20 min. Call a poison control center or doctor for treatment advice.

IF INHALED: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.

Have the product container or label with you when calling a poison control center or doctor or going for treatment.

USER SAFETY RECOMMENDATIONS

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

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Note: Use efficient equipment of the proper type. Avoid spraying during or immediately prior to hot or freezing weather (over 95°F or under 32°F), dry winds, rain or other unsuitable conditions; avoid over spraying or double spraying. Plants should be sprayed only when in vigorous condition and when their moisture condition is suitable. Before using, make certain spray tank is free of sulfur residues. Do not apply sulfur within 30 days except in the Northwest (Oregon and Washington) where it may be used in combination on Pears as a Post Harvest (after old fruit is off the tree), Dormant and Delayed Dormant (before the scales slipp, or at or prior to bud swell) treatment and on Apples prior to or up to the Delayed Dormant (1/2", green) period. In areas west of the Continental Divide do not apply to Capitan treated trees within 90 days after or prior to the Delayed Dormant period. In areas east of the Continental Divide do not apply to Capitan treated trees within 10 - 14 days before and after this oil. If in doubt, spray a portion of a tree previously treated with Sulfur or Captan using 1 to 2.5 gallons per tree. When all the spray shows up in 20 seconds or less, test first for 2 days to see if the tree is injured. This has not happened but it could happen and you must not use sulfur in the Northern states.

FRUIT AND NUT CROPS

APPLES AND PEARS:

*European Fruit Lecanium Scale, Asian Scale, San Jose Scale, Olive Scale, European Red Mite Eggs *

**DORMANT OR DELAYED DORMANT:** Use 1 - 2 gal per 100 gal of water at 100 - 800 gal per acre. (Concentrate Spray: Use 3 - 8 gal per acre in a minimum of 20 - 100 gal water per acre.)

**FOLIAR SPRAY (Post Bloom):** Use 1 - 2 gal per 100 gal of water at 100 - 800 gal per acre. Do not exceed more than 1.5 gal per acre application for SDA/BERT treatments. (Concentrate Spray: Do not exceed more than 1.5 gal per acre application. Apply a minimum of 50 gal water per acre.)

**West of the Mississppi:** Use 1 - 5 gal per 100 gal of water at 100 - 800 gal per acre. (Concentrate Spray: Do not exceed more than 1.5 gal per acre application. Apply a minimum of 10 - 20 gal water per acre.)

**APPLES ONLY:**

- *Rusty Apple Aphid Eggs*
- *Apple Aphid Eggs*

**Fruit Tree Losahtocar, Apple Red Bug, Scutty Scale**

**GREEN TIP TO DELAYED DORMANT:** Use 1 - 3 gal per 100 gal of water at 100 - 800 gal per acre. (Concentrate Spray: Use 3 - 12 gal per acre in a minimum of 20 - 100 gal water per acre.)

**Pears Only:**

- *Pear Psylla*

**Fruit Tree Losahtocar, Pear Blister Midge**

**BANANAS, PLANTAINS:**

**PLUMS AND PRUNES: (SACRAMENTO VALLEY OF CALIFORNIA ONLY)**

**PRE-BLOOM WHEN FRUIT BUGS SHOW GREEN TIPS:** Use 1.5 – 2 gal per 100 gal of water at 300 - 600 gal per acre. (Concentrate Spray: Use 6 - 8 gal per acre in a minimum of 20 gal water per acre.)

**FOURIER SPRAY:** Use 0.5 – 1 gal per 100 gal of water at 300 - 600 gal per acre. (Concentrate Spray: Use 2 – 4 gal per acre in a minimum of 20 gal water per acre.)

**LEAVES SPRAY:** Use 0.5 – 1 gal per 100 gal of water at 300 - 600 gal per acre. (Concentrate Spray: Use 2 – 4 gal per acre in a minimum of 20 gal water per acre.)

**White Peach Scale on Peaches:** For use on Georgia, Florida, South Carolina, North Carolina, and Alabama.

**DORMANT:** Use 1.3 – 2 gal per 100 gal of water at 300 - 600 gal per acre. (Concentrate Spray: Use 6 - 8 gal per acre in a minimum of 20 gal water per acre.)

**FOLIAR SPRAY:** Use 0.5 – 1.5 gal per 100 gal of water at 300 - 600 gal per acre. (Concentrate Spray: Use 4 – 7 gal per acre in a minimum of 20 gal water per acre.)

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**Citrus**: (Florida and Texas) - Grapefruit, Lemons, Limes, Oranges, Tangerines and other citrus hybrids.

<table>
<thead>
<tr>
<th>PESTS</th>
<th>APPLICATION RATE AND TIMING</th>
<th>COMMENTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Citrus Rust Mite</td>
<td>5 - 10 gal of oil per acre</td>
<td>Apply as a dilute spray.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Does not control citrus Spots.</td>
</tr>
<tr>
<td>Spider Mites</td>
<td>5 - 10 gal of oil per acre</td>
<td>Apply as a dilute spray.</td>
</tr>
</tbody>
</table>
| Scale Insects:     | 5 gal of oil per acre + 6 pt ethion-AC | Apply as a dilute spray.
| Black Soft, Brown Soft, Chart, Grover, Purple, Red, Yellow |
| Whitefly           | 5 gal of oil per acre | Apply as a dilute spray. |
| Greasy Spot (Grapefruit) | 5 gal of oil per acre | Apply as a dilute spray. |
| Greasy Spot (all varieties) | 5 - 10 gal of oil per acre | Apply as a dilute spray. |
| Loosestring Soothing Mite | 5 - 10 gal of oil per acre | Apply as a dilute spray. |

**Dilute spray**: Apply the spray oil application rate in up to 4,500 gal of water per acre, or 30 to 35 gal per tree, to over 45 gal per tree for large trees. Best results can be obtained when the oil is added to a partially filled spray tank under proper agitation and all foliage is thoroughly covered.

**Precautions in the use of oil include**: Do not apply oil spray when trees are wilting. Do not apply oil and sulfur within 3 weeks of each other in Florida or Texas. Oil spray applied after October 1 may increase susceptibility of trees to cold damage and may reduce the fruit crop the following year. Oil sprays applied in the fall may inhibit solids formation in the juice and retard coloring of fruit and should not be applied within 60 days of anticipated harvest. Sensitive foliage may be injured.

Florida growers consult the Florida Citrus Spray and Dust Schedule, or your Agricultural Experiment Station or State Extension Service Specialist for complete details on the spraying program best suited to your locale. Texas growers consult with your Agricultural Experiment Station or State Extension Specialist for complete details on the spraying program suited to your locale.

**VEGETABLE CROPS**

**APRICAS**: Beans, Beets, Cabbage, Cauliflower and other Cole crops, Celery, Cucurbits, Eggplant, Lettuce, Melon, Pepper, Potato, Pumpkin, Radish, Squash, Sweet Potato, Tomato, Herbs and Spices (Coriander Leaf Basil, Lemon Balm, Mexican Oregano, Mint).

**ORIENTAL VEGETABLES** (Acerola, Atemy, Balsam pear (Bitter melon), Carambola, Chinese broccoli (Gai Lon), Chinese cabbage (Gai Choy), Chinese spinach, Chinese waxgourd, Citall, Citron melon, Daat, Ginger, Ginseng, Japanese artichoke, Japanese radish (Daikon), Rambutan).

**WALNUTS**

**PINEAPPLE**

**Mango**

**TROPICAL FRUIT**

**Kiwifruit**

**Mango**

**Pineapple**

**FOLIAGE ORNAMENTAL & BEDDING PLANTS**

<table>
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<tr>
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<tr>
<td>Aphids, Adelgids</td>
<td>2 - 2.5 oz/gal</td>
<td></td>
</tr>
<tr>
<td>Summer (Foliar or Cover): Do not spray plants during flowering.</td>
<td></td>
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</tr>
</tbody>
</table>

**VEGETABLE CROPS**

**FOLIAGE & FOLIAGE PLANTS**

**ORNAMENTALS**

**FRUITING & VEGETATIVE PLANTS**

**GOLDEN ROSES & OTHER FLOWERING SHRUBS**

<table>
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<tr>
<td>Aphids, Adelgids, Strawberries, Grapes</td>
<td>2 - 2.5 oz/gal</td>
<td></td>
</tr>
<tr>
<td>Summer (Foliar or Cover): Do not spray plants during flowering.</td>
<td></td>
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**Ultra-Pure™ Oil** Horticultural Insecticide, Miticide and Fungicide

**CHRISTMAS TREES**: **Pests** | **APPLICATION RATE AND TIMING** (Ounces of oil per gallon of water) | **Comments**
--- | --- | ---
Scale (soft & hard) | 2 - 3 | Winter
Immature, Spider Mites | 0.75 - 2 | Summer

**GREENHOUSE AND CONTAINER**

**FREQUENCY OF APPLICATION**

For the greenhouse pests listed, use once a week, then as the pest is controlled, decrease the frequency to every 2-3 weeks as needed.

**APPLICATION SAFETY**

During the bloom period, safety during bloom period should be determined for each individual species of plant to be treated by conducting a small test.

**SENSITIVITY**

Due to varietal differences in response to a treatment of this product at the recommended rate, we recommend conducting a small test on 1 or 2 plants of the specific variety to be treated.

**TENDENCY TOWARD SENSITIVITY**

Cryptomeria, Smoke Tree, Chamaecypris, Juniper, Japanese Holly and Spruce.

**SOME PLANTS ARE MORE SENSITIVE TO OIL TREATMENTS**

Some plants are more sensitive to oil treatments if any of the following conditions are present when application is made:

- High humidity (74%), an overcast or cloudy day, inadequate air flow, a small greenhouse where the sunlight is magnified causing a fast build-up of temperature and light intensity.
- Field Crops
- Sugar Beets:

**PESTS** | **APPLICATION RATE AND TIMING** (Gallons of oil per 100 gal of water) | **Comments**
--- | --- | ---
Aphids, Fungus Gnats, Lasmiinae, Mites, Thrips, Whitefly | 0.5 - 1 | Due to varietal differences in response to a treatment of this product at the recommended rate, we recommend conducting a small test on 1 or 2 plants of the specific variety to be treated.

**LEAF POLISH FOR HARDY PLANTS**

**PESTS** | **APPLICATION RATE AND TIMING** (Ounces of oil per gallon of water) | **Comments**
--- | --- | ---
AGLONEMIA, ASTER, AZALEAS, BEGONIAS, BROWALLIA, CAMELLIAS, CARNATION, CELOSIA, CHRYSANTHEMUM, COLEUS, COSMOS, DUSTY MILLER, EASTER LILIES, GARDENIAS, GERBERA, HELLCYRYSU, HIBISCUS FOLIAGE, HYDRANGEA, JADE PLANT, MARIGOLD, NEW GUINEA IMPATIENS, NICOTONIA, PHLEDEMOND, PORTULACA, REIGER BEGONIAS, SNAPDRAGON, ZINNIAS: | 1 - 2 | Due to varietal differences in response to a treatment of this product at the recommended rate, we recommend conducting a small test on 1 or 2 plants of the specific variety to be treated.

**FIELD CROPS**

**CORN (Sweet & Field)**, **SUGAR BEETS**:

**PESTS** | **APPLICATION RATE AND TIMING** (Gallons of oil per 100 gal of water) | **Comments**
--- | --- | ---
Aphids, Mites, Lasmiinae, Corn Earworm, Rootworm, Armyworm, Whitefly | Corn: 1 - 2 | Sugar Beets: 2

**HOPS**

**PESTS** | **APPLICATION RATE AND TIMING** (Gallons of oil per 100 gal of water) | **Comments**
--- | --- | ---
Mites, Powdery Mildew | 1 - 2 | For powdery mildew, initiate sprays at early leaf stage. Continue sprays every 10 - 14 days. Mite control will be effective under the same spray interval as powdery mildew sprays. Discontinue sprays at burr development.

**TOBACCO**

**PESTS** | **APPLICATION RATE AND TIMING** (Gallons of oil per 100 gal of water) | **Comments**
--- | --- | ---
Aphids, Mites, Beetle Larvae, Lasmiinae, Thrips, Leafhopper, Whitefly | 0.75 - 1

*Asterisk denotes crop, pest Not approved in California.

This product has not been tested on all species or varieties. Before treating a large area, treat a small area and observe prior to full-scale application.

**STORAGE AND DISPOSAL**

**PESTICIDE STORAGE**

Keep out of reach of children and animals. Store in original containers only. Store in a cool, dry place and avoid excess heat. Carefully open containers. After partial use, replace lids and close tightly. Do not put concentrate or dilute material into food or drink containers. Do not contaminate other pesticides, fertilizers, water, food, or feed by storage or disposal.

In case of spill, avoid contact, isolate area and keep out animals and unprotected persons. Confine spills. To confine spill: if liquid, dike surrounding area or absorb with sand, cat litter or commercial clay. If dry material, cover to prevent dispersal. Place damaged package in a holding container. Identify contents.

**PESTICIDE DISPOSAL**

Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

**CONTAINER DISPOSAL**

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.


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A Prescription Treatment® brand insecticide distributed by:

Whitmire Micro-Gen Research Laboratories, Inc.
3568 Tree Court Industrial Blvd.
St. Louis MO 63122-6682

www.wmmg.com

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