

Mite-E-Oil®

INSECTICIDE-MITICIDE / SPRAY

ACTIVE INGREDIENT:

Mineral oil* 90.00%

INERT INGREDIENTS 10.00%

TOTAL 100.00%

Petroleum Oil Min. Unsulfonated Residue - 96-98%

*Contains petroleum distillates. Protected by U.S. Patent #5,462,912

EPA Reg. No. 5905-302

AD 022112

EPA Est. No.

KEEP OUT OF REACH OF CHILDREN CAUTION

PRECAUTIONARY STATEMENTS HAZARD TO HUMANS AND DOMESTIC ANIMALS CAUTION

Harmful if absorbed through skin. Avoid contact with eyes, skin, or clothing. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

FIRST AID

IF IN EYES:	Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing. 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 minutes. Call a poison control center or doctor for treatment advice.
IF SWALLOWED:	Call a poison control center or doctor immediately for treatment advice. 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 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. In case of emergency, call CHEMTREC at 1-800-424-9300.

NOTE TO PHYSICIAN: This product contains petroleum distillates and may pose an aspiration pneumonia hazard. Do not induce vomiting.

SEE INSIDE LEAFLET FOR ADDITIONAL PRECAUTIONARY STATEMENTS AND COMPLETE DIRECTIONS FOR USE.

DIRECTIONS FOR USE

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

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

PESTICIDE STORAGE: Keep container well sealed. Protect from excessive heat.

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:

NONREFILLABLE CONTAINER (EQUAL TO OR LESS THAN 5 GALLONS):

Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Offer for recycling, if available, or puncture and dispose of container in a sanitary landfill, or by other procedures approved by state and local authorities.

NONREFILLABLE CONTAINER (GREATER THAN 5 GALLONS):

Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Offer for recycling, if available, or puncture and dispose of container in a sanitary landfill, or by other procedures approved by state and local authorities.

REFILLABLE CONTAINER: Refill this container with pesticide only. Do not reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. To clean the container before final disposal, empty the remaining contents from this container into application equipment or mix tank. Fill the container about 10 percent full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times. Offer for recycling, if available, or puncture and dispose of container in a sanitary landfill, or by other procedures approved by State and local authorities.

Batch (lot) Code: _____

Manufactured For
HELENA CHEMICAL COMPANY
225 SCHILLING BOULEVARD, SUITE 300
COLLIERVILLE, TENNESSEE 38017

NET CONTENTS:

PEEL BACK BOOK HERE AND RESEAL AFTER OPENING

OPM #110272

PERSONAL PROTECTIVE EQUIPMENT

Some materials that are chemical-resistant to this product are made of barrier laminate, nitrile rubber, neoprene rubber or viton. If you want more options, follow the instructions for category *E* on an EPA chemical-resistance category selection chart.

Mixers, loaders, applicators, flaggers, and other handlers must wear:

- Long-sleeved shirt and long pants
- Shoes plus socks
- Chemical-resistant gloves.

See **ENGINEERING CONTROLS** for additional requirements.

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

Discard clothing and other materials that have been drenched or heavily contaminated with the product's concentrate. Do not reuse them.

When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d)(4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

USER SAFETY RECOMMENDATIONS

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing/PPE 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 them. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

This product is toxic to fish. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water by cleaning of equipment or disposal of washwaters.

PHYSICAL OR CHEMICAL HAZARDS

Do not use, pour, spill or store near heat or open flame.

CHEMIGATION PROHIBITION

Do not apply this product through any type of irrigation system.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

PESTICIDE STORAGE: Keep container well sealed. Protect from excessive heat.

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:

NONREFILLABLE CONTAINER (EQUAL TO OR LESS THAN 5 GALLONS): Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Offer for recycling, if available, or puncture and dispose of container in a sanitary landfill, or by other procedures approved by state and local authorities.

NONREFILLABLE CONTAINER (GREATER THAN 5 GALLONS): Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Offer for recycling, if available, or puncture and dispose of container in a sanitary landfill, or by other procedures approved by state and local authorities. (continued)

STORAGE

CONTAINER DISPOSAL: (cont.)

REFILLABLE CONTAINER: Refill this container with the container before final disposal is the responsible responsibility of the refiller. To clean the container before application equipment or mix tank. Fill the container with water and pump for 2 minutes. Pour or pump rinsate into a separate container or store rinsate for later use or disposal. Repeat this procedure two more times. Offer for recycling, if available, or puncture and dispose of container in a sanitary landfill, or by other procedures approved by State and local authorities.

DIRE

It is a violation of Federal Law to use this product in a way that will contact water or other surfaces that may be in the area during application. For any requirements related to pesticide regulation.

AGRICULTURE

Use this product only in accordance with its labeling and all requirements for the protection of agricultural workers and the environment. It contains requirements for training, protective clothing, and exceptions pertaining to the statement of use. The requirements in this box only apply to use in agriculture.

Do not enter or allow worker entry into treated areas that have been treated with anything that has been treated, such as plants, trees, or shrubs.

- Long-sleeved shirt and long pants
- Shoes plus socks
- Chemical-resistant gloves made of any waterproof material

NON-AGRICULTURE

The requirements in this box apply to uses of this product in nurseries, or greenhouses. Do not enter or allow other persons to enter.

SPRAY APPLICATION

A variety of factors including weather conditions (e.g., wind speed, temperature, humidity) can influence the effectiveness of application (ground, aerial, or airblast) and the need for appropriate adjustments when applying this product. The following requirements apply to all of the methods of application permitted on the label.

Wind Speed: Do not apply at wind speeds greater than 10 mph.

Temperature Inversions: If applying at wind speeds less than 3 mph, and if temperature inversions exist, or b) stable atmospheric conditions exist, do not apply.

Droplet Size: Apply as a medium or coarser spray (AS) using atomizer nozzles.

Ground Spray Applications: Apply using a nozzle that produces a spray pattern.

Airblast Applications: Turn off outward pointing nozzles in citrus applications, spray must be directed into the canopy.

Aerial Applications: Do not release spray at a height greater than 100 feet above the ground.



STORAGE AND DISPOSAL (cont.)

CONTAINER DISPOSAL: (cont.)

REFILLABLE CONTAINER: Refill this container with pesticide only. Do not reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. To clean the container before final disposal, empty the remaining contents from this container into application equipment or mix tank. Fill the container about 10 percent full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times. Offer for recycling, if available, or puncture and dispose of container in a sanitary landfill, or by other procedures approved by State and local authorities.

Batch (lot) Code: _____

DIRECTIONS FOR USE

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

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR Part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted-entry interval (REI) of 4 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is:

- Long-sleeved shirt and long pants
- Shoes plus socks
- Chemical-resistant gloves made of any waterproof material.

NON-AGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to uses of this product that are NOT within the scope of Worker Protection Standard for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forest, nurseries, or greenhouses. Do not enter or allow others to enter treated areas until sprays have dried.

SPRAY DRIFT MANAGEMENT

A variety of factors including weather conditions (e.g., wind direction, wind speed, temperature, and relative humidity) and method of application (ground, aerial, or airblast) can influence pesticide drift. The applicator and grower must evaluate all factors and make appropriate adjustments when applying this product. The restrictions pertaining to wind speed, temperature inversions and droplet size apply to all of the methods of application permitted for this product.

Wind Speed: Do not apply at wind speeds greater than 15 mph at the application site.

Temperature Inversions: If applying at wind speeds less than 3 mph, the applicator must determine if a) conditions of temperature inversion exist, or b) stable atmospheric conditions exist at or below nozzle height. Do not make applications into areas of temperature inversions or stable atmosphere conditions.

Droplet Size: Apply as a medium or coarser spray (ASABE standard 572), and the minimum volume mean diameter (VMD) for spinning atomizer nozzles.

Ground Spray Applications: Apply using a nozzle height of no more than 4 feet above the ground or crop canopy.

Airblast Applications: Turn off outward pointing nozzles at row ends when spraying outer row. To minimize spray loss over the top in citrus applications, spray must be directed into the canopy.

Aerial Applications: Do not release spray at a height greater than 10 feet above the ground, top of crop, or above the orchard canopy.

Boom Length: The boom length must not exceed 75 feet.

Swath Adjustment: When applications are made on uneven terrain, adjust the boom height to maintain a constant swath width. Do not overlap swaths. Do not spray one swath unsprayed at the downwind edge of the

PRO

MITE-E-OIL® is a special blend of refined phytoblastic components of **MITE-E-OIL®** modify the wetting an

USE RESTRICTIONS

The spray tank must be free of any sulfur residue before use. Do not combine sulfur sprays with **MITE-E-OIL®** or apply sulfur following **MITE-E-OIL®** unless previously treated with sulfur, using 1 quart of **MITE-E-OIL®** per acre.

MITE-E-OIL® can be used with registered label rate of sulfur. If temperatures dropped below 32°F (including overnight) or risen to above 35°F and are free of moisture during the application, applications to trees weakened by disease, drought, or frost. For all applications to be effective, complete cover

MIX

- 1) Add enough water to the mixing tank for proper application.
- 2) Add nutrients and other pesticides. If dry pesticide is added, completely dispersed in the mixing tank. DO NOT add sulfur.
- 3) Maintain agitation of the mix until the spray is applied. Do not stand for more than 20 minutes.
- 4) Ensure that spray equipment is thoroughly clear before use.

ALFALFA (Seed Crop Only): Use 1 quart of product per acre in a minimum of 10 gallons water per acre for alfalfa. Do not use in alfalfa pastures. Do not use in alfalfa pastures. Do not use in alfalfa pastures. Do not use in alfalfa pastures.

ALMONDS, APRICOTS, CHERRIES, NECTARINES: Brown Mites – Use 1-1/2 to 2 gallons in 300 to 600 minimum of 20 gallons of spray. Almonds and Apricots – Use 1 to 2 gallons in 300 to 600 minimum of 20 gallons of spray.

APPLES: Rust Mite: Use 1-1/2 to 2 gallons of product per acre in a minimum of 20 gallons of spray. Pear Psylla – Dilute spray: Apply 50 to 200 gallons of spray – Use 4 to 6 gallons in a minimum of 20 gallons of spray. Pear Psylla – Dilute spray: Apply 50 to 200 gallons of spray – Use 4 to 6 gallons in a minimum of 20 gallons of spray.

APPLES, PEARS: Dormant or Delayed Dormant - Rust Mites (Apples only – delayed dormant) – Use 1 quart of product per acre in a minimum of 20 gallons of spray. Pear Psylla – Dilute spray: Apply 50 to 200 gallons of spray – Use 4 to 6 gallons in a minimum of 20 gallons of spray.

APPLES, PEARS: Dormant or Delayed Dormant - Rust Mites (Apples only – delayed dormant) – Use 1 quart of product per acre in a minimum of 20 gallons of spray. Pear Psylla – Dilute spray: Apply 50 to 200 gallons of spray – Use 4 to 6 gallons in a minimum of 20 gallons of spray.

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Boom Length: The boom length must not exceed 75% of the wingspan or 90% of the rotor blade's diameter.

Swath Adjustment: When applications are made crosswind, the swath will be displaced downwind. The applicator must compensate for this displacement at the downward edge of the application area by adjusting the path of the aircraft upwind. Leave at least one swath unsprayed at the downwind edge of the treated field.

PRODUCT INFORMATION

MITE-E-OIL® is a special blend of refined phytobland oils that function as a contact insecticide and miticide. The surfactant/emulsifier components of **MITE-E-OIL®** modify the wetting and deposition characteristics of the spray droplets to improve spray applications.

USE RESTRICTIONS AND PRECAUTIONS

The spray tank must be free of any sulfur residue before using **MITE-E-OIL®** for applications to foliage. Unless otherwise instructed by this label, do not combine sulfur sprays with **MITE-E-OIL®** on foliage and, for plant safety, do not follow a previous application of sulfur or apply sulfur following **MITE-E-OIL®** until at least 30 days have elapsed. If in doubt, spray a portion of one tree previously treated with sulfur, using 1 quart of **MITE-E-OIL®** to 25 gallons water. If sufficient time has not elapsed, burn will show in several days.

MITE-E-OIL® can be used with registered label rates of other pesticides.

If temperatures dropped below 32°F (including overnight lows), do not spray tree and vine crops until daytime temperatures have risen to above 35°F and are free of moisture due to melting frost or heavy dew.

Applications to trees weakened by disease, drought, driving winds or high nitrogen applications may result in oil-caused injury.

For all applications to be effective, complete coverage is essential. Thorough inside- and outside-tree application is needed.

MIXING INSTRUCTIONS

- 1) Add enough water to the mixing tank for proper agitation.
- 2) Add nutrients and other pesticides. If dry pesticide products are used, mix the materials with water thoroughly so that they are completely dispersed in the mixing tank. DO NOT add **MITE-E-OIL®** before a uniform mixture is obtained.
- 3) Maintain agitation of the mix until the spray is applied. Flush any spray mix remaining in hoses back into the tank if the solution stands for more than 20 minutes.
- 4) Ensure that spray equipment is thoroughly clean so that residues from other applications do not remain.

ALFALFA (Seed Crop Only): Use 1 quart of product per acre in a minimum of 20 gallons of water per acre for ground applications and in a minimum of 10 gallons water per acre for aerial applications, when used in combination, and at the labeled rates, with insecticides or miticides that are labeled for use with oil sprays. To increase the effectiveness of desiccants, apply 2 gallons of product per acre by air in a minimum of 10 gallons of water. This use is limited to herbicide/desiccant products labeled for alfalfa seed desiccation. Spider Mites: Use 1 quart of product per acre at the dilution rates indicated above.

ALMONDS, APRICOTS, CHERRIES, NECTARINES, PEACHES, PLUMS, PRUNES: – Dormant or Delayed Dormant – Dilute spray: Brown Apricot Scale, Black Scale, San Jose Scale, Olive Scale (Parlatoria Scale), Oleander Scale, Frosted Scale, Italian Pear Scale, European Fruit Lecanium, Putnam Scale, Soft Brown Scale, other Scale Insects, Eggs of Aphids, Red Spider Mites and Brown Mites – Use 1-1/2 to 2 gallons in 300 to 600 gallons of water per acre. Concentrate Spray: Use 4 to 6 gallons per acre in a minimum of 20 gallons of spray. Almonds and Apricots: European Red Mite, Brown Mite, San Jose Scale – Use 4 to 8 gallons per acre in a minimum of 20 gallons of spray. Spring or Summer Dilute Spray: Two-spotted Mites, Pacific Mites, European Red Mites and Brown Mites – Use 1 to 2 gallons in 300 to 600 gallons of water per acre. Spring or Summer Concentrate: Use 4 to 6 gallons per acre in a minimum of 20 gallons of spray. Aerial Application: Use at least 4 and no more than 6 gallons of product in a minimum of 20 gallons of spray. Plums and Prunes – Dilute Spray: Peach Twig Borer – Apply 50 to 200 gallons of spray solution using 1-1/2 to 2 gallons per 100 gallons of water. Concentrate Spray: Use 6 to 8 gallons per acre in a minimum of 20 gallons of water. Aerial Application: Use 6 to 8 gallons per acre in a minimum of 20 gallons of spray.

APPLES: Rust Mite: Use 1-1/2 to 2 gallons of product in 50 to 200 gallons of water per acre for Delayed Dormant applications and 1 to 1-1/2 gallons per acre in a minimum of 20 gallons of spray for Summer Use.

APPLES, PEARS: Dormant or Delayed Dormant – Dilute Spray: San Jose Scale, Pear Scale, Eggs of Aphids, Red Spider Mites, Rust Mites (Apples only – delayed dormant) – Use 1-1/2 to 2 gallons in 50 to 200 gallons of water per acre. Pears only: Delayed dormant: Pear Psylla – Dilute spray: Apply 50 to 200 gallons of solution using 2 gallons of product per 100 gallons of water. Concentrate spray – Use 4 to 6 gallons in a minimum of 20 gallons of spray per acre. Concentrate spray: Summer dilute spray: Two-spotted Spider Mites, Pacific Mites and European Red Mites – Use 1 to 1-1/2 gallons diluted in 400 to 800 gallons of water. Concentrate spray: Use no more than 4 gallons per acre in a minimum of 20 gallons of spray. Aerial Application – Use no more than 4–6 gallons of product in a minimum of 20 gallons of spray per acre. Concentrated Sprayers: Pears (California Only) – Use 4 to 6 gallons in 90 to 120 gallons of water per acre.

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Dormant: (Washington and Oregon only): Apples – Dilute spray for mites and San Jose scale: Use 1 to 1-1/2 gallons of oil plus sulfur or lime sulfur at the label specified rate. Concentrate spray: Use 4 to 6 gallons of oil per acre plus the label specified rate of sulfur or lime sulfur in 20 to 100 gallons of spray per acre. Pears – Dilute Spray: Pear Psylla – Use 1 to 1-1/2 gallons of oil plus sulfur or lime sulfur at the label specified rate. Concentrate spray: Use no more than five gallons of oil plus the label specified rate of sulfur or lime sulfur in 20 to 100 gallons of spray per acre.

NOTE: Oil plus sulfur or lime sulfur can cause severe foliage and fruit bud injury if applied after the dormant period.

ASPARAGUS, BEANS, BEETS, CORN, SQUASH, TOMATOES, CUCURBITS and PEPPERS: Aphids, Mites, Beetle Larvae, Leafminers, Caterpillars – Use 1 to 1-1/2 gallons of product per 100 gallons of water per acre.

AVOCADOS (HAAS VARIETY ONLY): Avocado Brown Mite – Use 1 to 1-1/2 gallons of product per 100 gallons of water per acre. Apply as thorough coverage through late fall.

CABBAGE, CAULIFLOWER, CELERY, COLE CROPS, LETTUCE and ONIONS: Aphids, Leafhoppers, Leaf Miners, Loopers, Mites, Plant Bugs, Thrips and Whiteflies – Use 1–2 gallons in 100 gallons of water per acre in combination with other insecticides or miticides registered for use on these crops.

CITRUS (*Citrus spp.*, *Fortunella spp.*): Florida Red Scale, Purple Scale, Soft Brown Scale, Black Scale, Whiteflies, Red Spider Mites, and Rust Mites – Concentrate spray: Apply 2 gallons of product per acre if total spray volume is less than or equal to 125 gallons per acre. If total spray volume is greater than 125 gallons per acre, mix product in water at a 2% concentration, volume-for-volume. Control of severe insect infestation may require applying 3 gallons of product per acre.

NOTES: Do not exceed 500 gallons per acre of total spray volume. Do not use within 8 weeks of harvest on Lemons. Do not use on Navel Oranges after September 1.

All Citrus Varieties: Do not use oil when freezing temperatures are expected within 24 hours of the application. Care should be taken in combining oil sprays with other miticides and insecticides due to possibility of increased phytotoxicity when the combinations are applied over foliage. Consult a local Agriculture Extension Service agent for advice on specific combinations.

FIGS (Dormant or Delayed Dormant): Fig Scale – Dilute Spray: Use 2 to 3 gallons of product per 100 gallons of water. Apply 300 to 600 gallons of spray mix per acre. Use 3 gallons of product per 100 gallons of water for severe infestations. Concentrate Spray: Use 4 to 6 gallons of product in a minimum of 50 gallons of spray mix per acre.

GRAPES (Dormant): Dilute Spray: Mealybug – Use 1 to 2 gallons plus the appropriate labeled rate of an insecticide registered for use on grapes for mealybug control in 200 to 300 gallons water per acre. Concentrate spray: Use 1 to 2 gallons plus the appropriate labeled rate of an insecticide registered for use on grapes for mealybug control per acre in enough water for thorough coverage. Suppression of Grape and Variegated Leafhopper nymphs – Use 1 to 1-1/2 gallons or 1–3 gallons per acre concentrate. Mite suppression – Use 1 to 2 gallons per acre concentrate. Narrow range oils such as **MITE-E-OIL®** can temporarily affect surface bloom appearance without causing subsurface injury. When applied for leafhopper or mite suppression within 2 days of harvest, **MITE-E-OIL®** should not be applied to grapes designated for fresh market.

OLIVES: Dilute spray: Parlatoria Scale, Oleander Scale, Olive Scale, Black Scale and Spider Mites – Use 1-1/2 gallons of product in 400 to 500 gallons of water per acre. This product may be applied post-bloom (late May through June, when crawlers are present), in summer (July 15 through August) and post-harvest (October through November).

PEARS: Pear Psylla – Delayed Dormant – Use 2 gallons in 50 to 200 gallons of water per acre. Summer – Use 1 to 1-1/2 gallons in 50 to 200 gallons of water per acre. Blister Mite – Delayed Dormant and Fall Spray – Use 2 gallons in 50 to 200 gallons of water per acre.

PECANS: Obscure Scale – Dormant – Dilute Spray: Use 3 gallons in 100 gallons water per acre. Concentrate spray: Use 6 to 8 gallons per 20–125 gallons water per acre.

STRAWBERRIES: Two-spotted Spider Mites – Use product at 1.0% to 2.0% volume-to-volume in 60 gallons of water per acre with air- assisted low-volume ground application equipment or 300 gallons of water per acre with standard ground spray equipment. Application may be made during the winter months when plants are semi-dormant. Do not use oil from peak bloom through peak fruiting period. Application should be made when mites are at no more than a moderate infestation level. Higher levels of mite infestations will require treatment with more effective miticides. Make applications at no less than 14 days between applications. Consult your local Extension Office for more specific local mite threshold density recommendations for this type of treatment. When using refined petroleum oils on strawberries there will be a danger of phytotoxicity. To minimize the problem, do not apply this product when warm temperatures, 75 degrees F and higher, are expected for several days after application. In California, do not apply this product from:

- January 16 to May 30 in Orange and San Diego counties and the Oxnard Plains;
- February 1 to June 15 in the Santa Maria Valley; and
- March 1 to June 30 in Monterey and Santa Cruz counties.

SHADE TREES, SHRUBS, ORNAMENTALS, FLOWER and FOLIAGE PLANTS, CHRISTMAS TREES

Shade Trees* and Shrubs, including Conifers (see “Note”), Deciduous Broadleaf Evergreens, and Woody Ornamentals: Aphids, Adelgids, Bugs (immature), Caterpillars, Eriophyid Mites, Gall Mites, Lace Bugs, Leaf Beetle Larvae, Leafminers, Mealybugs, Psyllids (immature), Sawfly Larvae, Scales (immature), Spider Mites, Whiteflies (immature): Winter Dormant Period, as needed – Use 2 to 4

gallons of product per 100 gallons of water. Summer (Foli water. **Note:** This product may cause discoloration of Blue

Ornamental Trees*, Shrubs along city streets and Evergreens: Aphids, Adelgids, Bugs (immature), Caterpillars, Mealybugs, Psyllids (immature), Sawfly Larvae, Scales (if needed – Use 2 to 4 gallons of product per 100 gallons of product per 100 gallons of water.

Flowering and Foliage Plants including Roses and Eriophyid Mites, Gall Mites, Lace Bugs, Leaf Beetle Larvae, Spider Mites, Whiteflies (immature): Winter Dormant Summer (Foliar or Cover) as needed – Use 1 to 2 gallons of product per 100 gallons of water.

Foliage Ornamentals and Bedding Plants: Aphids, Bugs, Leaf Beetle Larvae, Leafminers, Mealybugs, Psyllids (immature): Winter Dormant Period, as needed – Use 2 to needed – Use 1 to 2 gallons of product per 100 gallons of product per 100 gallons of water.

Christmas Trees: Aphids, Adelgids, Scales (Soft and H water. In summer, use 1 to 3 gallons of product per 100 g

*Oil removes the glaucous (blue) bloom from such evergreen or test spray oil sensitive plants such as Cryptomeria, Spruce and Douglas Fir have a tendency toward sensitivity. Do not

Note: Spray no more than 4 times during the growing season have fully opened and shoot elongation is occurring. Do not under stress. For fall dormant applications, reduce rate to 1/2 Japanese Black Pine, Dogwood, Weeping Cherry, Corneli open blooms – bleaching and spotting has been observed

WALNUTS – Late Spring to Mid-Summer Only: Summer Soft-Shell Scales, Red Spider Mites – Use 2 to 4 quarts per acre, Calico Scale, European Fruit Lecanium Scale, Red Scale, product in 300 to 500 gallons of water per acre. Foliar (fu 200 to 400 gallons of water. Concentrate Spray: For delay per acre. Use oil only on trees that have not suffered from not apply when soil moisture is low. Do not apply after hus

CONDITIONS OF SALE AND LIMITATIONS

Read the Conditions of Sale – Warranty and Limitations are not acceptable, return the product, unopened.

The directions on this label are believed to be reliable and the crop to which the product is applied may result from the following the label directions, or good application practices (“Company”) or seller. In addition, failure to follow label directions Company warrants that this product conforms to the characteristics to in the directions for use subject to the factors noted above by applicable laws, the Company makes no other warranty implied warranty of merchantability or fitness for any particular use.

To the extent permitted by applicable laws, the exclusive liability or use of this product shall be limited to, at Helena Company

1. Refund of the purchase price paid by buyer or user for
2. Replacement of the product used

To the extent permitted by applicable laws, the Company makes no special, indirect, incidental, or consequential damages income. The Company and the seller offer this product and limitation of warranty, liability and remedies.

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-1/2 gallons of oil plus label specified rate of gallons of oil plus sul-label specified rate of

period.
Mites, Beetle Larvae,

lons of water per acre.

Leaf Miners, Loopers, with other insecticides

Whiteflies, Red Spider s than or equal to 125 entration, volume-for-

n Lemons. Do not use

ation. Care should be ity when the combina- inations.

gallons of water. Apply stations. Concentrate

secticide registered for ons plus the appropri- or thorough coverage. concentrate. Mite sup- y affect surface bloom s of harvest, **MITE-E-**

1/2 gallons of product hen crawlers are pres-

1 to 1-1/2 gallons in 50 llons of water per acre. spray: Use 6 to 8 gal-

of water per acre with and spray equipment. k bloom through peak r levels of mite infes- y applications. Consult treatment. When using not apply this product

Ornamentals: Aphids, s, Mealybugs, Psyllids s needed – Use 2 to 4

gallons of product per 100 gallons of water. Summer (Foliar or Cover) as needed – use 1 to 3 gallons of product per 100 gallons of water. **Note:** This product may cause discoloration of Blue Spruce. Do not use on Conifers or Ferns that are not tolerant to oil sprays.

Ornamental Trees*, Shrubs along city streets and other rights-of-way, including Conifers, Deciduous, and Broadleaf Evergreens: Aphids, Adelgids, Bugs (immature), Caterpillars, Eriophyid Mites, Gall Mites, Lace Bugs, Leaf Beetle Larvae, Leafminers, Mealybugs, Psyllids (immature), Sawfly Larvae, Scales (immature), Spider Mites, Whiteflies (immature): Winter Dormant Period, as needed – Use 2 to 4 gallons of product per 100 gallons of water. Summer (Foliar or Cover) as needed – Use 1 to 3 gallons of product per 100 gallons of water.

Flowering and Foliage Plants including Roses and other Flowering Shrubs: Aphids, Adelgids, Bugs (immature), Caterpillars, Eriophyid Mites, Gall Mites, Lace Bugs, Leaf Beetle Larvae, Leafminers, Mealybugs, Psyllids (immature), Sawfly Larvae, Scales (immature), Spider Mites, Whiteflies (immature): Winter Dormant Period, as needed – Use 2 to 3 gallons of product per 100 gallons of water. Summer (Foliar or Cover) as needed – Use 1 to 2 gallons of product per 100 gallons of water.

Foliage Ornamentals and Bedding Plants: Aphids, Adelgids, Bugs (immature), Caterpillars, Eriophyid Mites, Gall Mites, Lace Bugs, Leaf Beetle Larvae, Leafminers, Mealybugs, Psyllids (immature), Sawfly Larvae, Scales (immature), Spider Mites, Whiteflies (immature): Winter Dormant Period, as needed – Use 2 to 3 gallons of product per 100 gallons of water. Summer (Foliar or Cover) as needed – Use 1 to 2 gallons of product per 100 gallons of water.

Christmas Trees: Aphids, Adelgids, Scales (Soft and Hard), and Spider Mites: Use 2 to 4 gallons of product per 100 gallons of water. In summer, use 1 to 3 gallons of product per 100 gallons of water.

*Oil removes the glaucous (blue) bloom from such evergreens as Colorado Blue Spruce and Koster Spruce. Always use lower dosage or test spray oil sensitive plants such as Cryptomeria, Smoke Tree, Chamaecyparis, Juniper, Japanese Holly and Spruce. Red Cedar and Douglas Fir have a tendency toward sensitivity. Do not spray Walnut foliage. Do not use on Conifers or Firs not tolerant to oil sprays.

Note: Spray no more than 4 times during the growing season; use a 2-week minimum application interval. Do not spray when buds have fully opened and shoot elongation is occurring. Do not spray when there is obvious moisture deficit in leaves, or the plant is under stress. For fall dormant applications, reduce rate to 2 gallons oil per 100 gallons water and limit use only to American Red Oak, Japanese Black Pine, Dogwood, Weeping Cherry, Cornelian Cherry, Crabapple, Norway Maple, Purple Leaf Plum. Keep away from open blooms – bleaching and spotting has been observed with the open blooms of certain plants.

WALNUTS – Late Spring to Mid-Summer Only: Summer Stages of Frosted Scale, European Fruit Scale, San Jose Scale and other Soft-Shell Scales, Red Spider Mites – Use 2 to 4 quarts. Delayed Dormant – Black Scale, San Jose Scale, Olive Scale, Frosted Scale, Calico Scale, European Fruit Lecanium Scale, Red Spider Mite Eggs, and Walnut Aphid Eggs – Dilute Spray: Use 3 gallons of product in 300 to 500 gallons of water per acre. Foliar (fully expanded leaves): Spider Mites – Use 4 gallons of product per acre in 200 to 400 gallons of water. Concentrate Spray: For delayed dormant and foliar sprays, apply in a minimum of 40 gallons of water per acre. Use oil only on trees that have not suffered from lack of moisture or other stressing factors during the growing season. Do not apply when soil moisture is low. Do not apply after husk split.

CONDITIONS OF SALE – LIMITED WARRANTY AND LIMITATIONS OF LIABILITY AND REMEDIES

Read the Conditions of Sale – Warranty and Limitations of Liability and Remedies before using this product. If the terms are not acceptable, return the product, unopened, and the full purchase price will be refunded.

The directions on this label are believed to be reliable and should be followed carefully. Insufficient control of pests and/or injury to the crop to which the product is applied may result from the occurrence of extraordinary or unusual weather conditions, the failure to follow the label directions, or good application practices, all of which are beyond the control of Helena Chemical Company (the "Company") or seller. In addition, failure to follow label directions may cause injury to crops, animals, man or the environment. The Company warrants that this product conforms to the chemical description on the label and is reasonably fit for the purpose referred to in the directions for use subject to the factors noted above which are beyond the control of the Company. To the extent permitted by applicable laws, the Company makes no other warranties of any kind, expressed or implied, concerning the product, including no implied warranty of merchantability or fitness for any particular purpose.

To the extent permitted by applicable laws, the exclusive remedy against the Company for any cause of action relating to the handling or use of this product shall be limited to, at Helena Chemical Company's election, one of the following:

1. Refund of the purchase price paid by buyer or user for product bought, or
2. Replacement of the product used

To the extent permitted by applicable laws, the Company shall not be liable and any and all claims against the Company are waived for special, indirect, incidental, or consequential damages or expense of any nature, including, but not limited to, loss of profits or income. The Company and the seller offer this product and the buyer and user accept it, subject to the foregoing conditions of sale and limitation of warranty, liability and remedies.

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Mite

INSECTICI

ACTIVE INGREDIENT:

Mineral oil*

INERT INGREDIENTS

TOTAL

Petroleum Oil Min. Unsulfonated Residue – 96-98%

*Contains petroleum distillates.

KEEP OUT OF

**PRECA
HAZARD TO HI**

Harmful if absorbed through skin. Avoid contact with eyes, skin, or clothing. Some individuals.

IF IN EYES:	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for at least 15 minutes. Remove contact lenses, if present, after 5 minutes, then continue rinsing. • Call a poison control center or doctor for more treatment.
IF ON SKIN OR CLOTHING:	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for at least 15 minutes. • Call a poison control center or doctor for more treatment.
IF SWALLOWED:	<ul style="list-style-type: none"> • Call a poison control center or doctor immediately for treatment. • Do not induce vomiting unless told to do so 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 INHALED:	<ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing, call 911 or a doctor. • Call a poison control center or doctor for more treatment.

Have the product container or label with you when calling a poison control center or doctor. 1-800-424-9300.

NOTE TO PHYSICIAN: This product contains petroleum distillates.

SEE INSIDE LABEL FOR ADDI

EPA Reg. No. 5905-302
EPA Est. No.

HELENA
225 SCHILLING BOULEVARD,

Job #60140



Mite-E-Oil®

INSECTICIDE-MITICIDE / SPRAY

ACTIVE INGREDIENT:

Mineral oil* 90.00%

INERT INGREDIENTS 10.00%

TOTAL 100.00%

Petroleum Oil Min. Unsulfonated Residue – 96-98%

*Contains petroleum distillates.

Protected by U.S. Patent # 5,462,912

KEEP OUT OF REACH OF CHILDREN CAUTION

PRECAUTIONARY STATEMENTS HAZARD TO HUMANS AND DOMESTIC ANIMALS CAUTION

Harmful if absorbed through skin. Avoid contact with eyes, skin, or clothing. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

FIRST AID

IF IN EYES:	<ul style="list-style-type: none"> Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing. Call a poison control center or doctor for treatment advice.
IF ON SKIN OR CLOTHING:	<ul style="list-style-type: none"> Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.
IF SWALLOWED:	<ul style="list-style-type: none"> Call a poison control center or doctor immediately for treatment advice. 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 INHALED:	<ul style="list-style-type: none"> 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. In case of emergency, call CHEMTREC at 1-800-424-9300.

NOTE TO PHYSICIAN: This product contains petroleum distillates and may pose an aspiration pneumonia hazard. Do not induce vomiting.

SEE INSIDE LABEL FOR ADDITIONAL PRECAUTIONS AND DIRECTIONS FOR USE.

EPA Reg. No. 5905-302

EPA Est. No.

AD 022112

Manufactured For
HELENA CHEMICAL COMPANY
 225 SCHILLING BOULEVARD, SUITE 300 • COLLIERVILLE, TENNESSEE 38017

Job #60140