

Summit® ... *responsible solutions*®

Year-Round® Spray Oil

FOR ORGANIC GARDENING

For Residential Use Sites Only.
Not for Use in Commercial Agricultural Sites.

KILLS Garden Insects
and Controls Diseases



Use up to the Day of Harvest

KILLS: Whitefly, Aphids, Spider Mites, Mealybug, Scale, Mites, Thrips, Fungus Gnats, & other insects as listed. CONTROLS: Sooty Mold, Powdery Mildew, and other diseases as listed. USE ON: Fruits & Vegetables, Flowers, Ornamentals, Trees & Shrubs as listed in the booklet labeling.

ACTIVE INGREDIENT Mineral Oil98.8%
OTHER INGREDIENTS 1.2%
Contains petroleum distillate
7.05 lbs. of ingredients per gallon

EPA Reg No. 6218-71 EPA Est. No. 6218-MS-2

FOR RESIDENTIAL AND HOME GARDEN USE ONLY.
Not for use on agricultural establishments covered by the WPS (40 CFR Part 170)

KEEP OUT OF REACH OF CHILDREN
CAUTION

Summit®

... *responsible solutions*.

235 South Kresson Street, Baltimore, MD 21224

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HAZARD TO HUMANS AND DOMESTIC ANIMALS: Avoid contact with eyes, skin and clothing. Additional precautionary statements are contained in this booklet. Harmful if swallowed. Avoid breathing of spray mists or vapors. Wash hands after use. Avoid contamination of feed or foodstuffs. Wear long sleeved shirt, long pants, shoes and socks.

ATTENTION: This specimen label is provided for informational use only. This product may not yet be available for sale in your state or area. The information found in this label may differ from the information found on the product label you are using. Always follow the instructions for use and precautions on the label of the product you are using

Year-Round® Spray Oil

PRODUCT FACTS	
What It Is:	Horticultural spray oil that suffocates insects and fungus rather than use toxins.
What It Does:	KILLS Whitefly, Aphids, Spider Mites, Mealybug, Scale, Mites, Thrips, Fungus Gnats, & other insects as listed. CONTROLS: Sooty Mold, Powdery Mildew, and other diseases as listed.
Where To Use:	Fruits & Vegetables, Flowers, Ornamentals, Trees & Shrubs as listed in the booklet labeling.
Coverage	Makes up to 25 gallons of End Use Material.
Questions & Comments:	Call 1-800-227-8664 or visit our website at www.SummitResponsibleSolutions.com

FIRST AID	
<p>If Inhaled:</p> <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 by mouth to mouth, if possible. • Call a poison control center or doctor for further treatment advice. <p>If in eyes:</p> <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 eye. • Call poison control center or doctor for treatment advice. 	<p>If on skin or clothing:</p> <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. <p>If swallowed:</p> <ul style="list-style-type: none"> • Immediately call a poison control center or doctor • Do not induce vomiting unless told to do so by the poison control center or doctor. • Do not give any liquid to the person. • Do not give anything by mouth to an unconscious person.

HOT LINE NUMBER
Have the product container or label with you when calling a poison control center or doctor or going for treatment. For non-emergency information on product use, etc., call the National Pesticides Information Center (NPIC) at 1-800-858-7378 (NPIC Web site: www.npic.orst.edu). For emergencies, call the poison control center 1-800-222-1222.

NOTE TO PHYSICIAN
Contains petroleum distillate. Vomiting may cause aspiration pneumonia.



ENVIRONMENTAL HAZARDS

This product is toxic to fish. To protect the environment, do not allow pesticide to enter or run off into storm drains, drainage ditches, gutters, or surface waters. Applying this product in calm weather when rain is not predicted for the next 24 hours will help to ensure that wind or rain does not blow or wash pesticide off the treatment area. Rinsing application equipment over the treated area will help avoid run off to water bodies or drainage systems.

PHYSICAL OR CHEMICAL HAZARDS

Avoid contact with powerful oxidants such as liquid chlorine, concentrated oxygen, sodium hypochlorite and calcium hypochlorite.

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Store in a cool, dry place. Do not store near heat or open flame.

PESTICIDE DISPOSAL: Waste resulting from the use of this product must be disposed of on site or at an approved waste disposal facility.

Non-refillable container. Do not reuse or refill this container. Offer for recycling if available.

IF EMPTY: Non-refillable container. Do not reuse this container. Place in trash or offer for recycling if available.

IF PARTLY FILLED: Call your local solid waste agency or call 1-800-CLEANUP for disposal instructions. Never place unused product down any indoor or outdoor drain.

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 through any type of irrigation system. Do not enter or allow others to enter treated areas until sprays have dried.

USE PRECAUTIONS

Do not spray plants suffering from drought (moisture stress). Do not apply during periods of prolonged high temperature combined with high relative humidity. Do not use this insecticide with dimetholate, herbicides or fungicides such as Captan, Folpet, Dyrene, Karathene, Morestan or any product containing sulfur. Do not use with Sevin 50w formulation (carbaryl) on deciduous fruit trees. Keep spray equipment used for these other products separate from the equipment used for this insecticide or make sure the sprayer is thoroughly cleaned so that no residue from these other products remain. Do not apply this product in a way that will contact any person or pet, either directly or through drift. Keep people and pets out of the area during application. Do not allow people or pets to enter the treated area until sprays have dried.

MIXING DIRECTIONS

Make sure the spray equipment to be used is clean dry and odor free.

1. Fill the spray tank or bottle 3/4 full water.
2. Shake the container of YEAR-ROUND SPRAY OIL vigorously prior to measuring out the desired amount. Add the appropriate amount of the insecticide to the water and shake.
3. Fill the remaining 1/4 of the spray tank or bottle with water and shake again. The solution should look milky, if it doesn't, do not use it.
4. During application shake the solution frequently. Do not apply to plants if the solution has been sitting for more than 10 minutes. Shake it before resuming application.
5. Do not premix this insecticide. Mix just enough for the immediate use.
6. 2 tablespoons = 1 fluid ounce
4 tablespoons = 1/4 cup = 2 fluid ounces.

APPLICATION INSTRUCTIONS

- The best times to spray are early evening and early morning.
- Completely cover the target pest and plant with spray solution.
- Do not exceed the maximum rates or apply more than specified.
- Certain plants may be sensitive to oil. A small number of plants should be test sprayed prior to general spraying.
- Use caution on open blooms — bleaching and spotting have been observed on the open bloom of certain plants.
- May be used up to day of harvest.



TABLE 1A - FRUIT TREES			
CROP	PEST	OUNCES PER GAL. WATER	TIME OF APPLICATION
Apples	Aphids (eggs) / Apple red bug / Mites (eggs) including European red mite / Scales (hard, soft) / Sourly scale / Fruit tree leafroller (eggs)	2.5-3.75	Dormant or delayed dormant to ½" green.
	Mites	1.25	Summer (foliar or cover or postharvest). Do not apply over fruit after waxy bloom forms.
Pears	European red mite (eggs) / Pear leaf blister mite (eggs) / Pear psyllid, Scales / Fruit tree leaf roller (eggs)	2.5-3.75	Dormant or delayed dormant (up to and including petal fall)
	Two-spotted spider mite / Brown mite / Pear rust mite / Pear mite / Pear psyllid leaf blister	1.25-2.5	Summer (foliar or cover) or postharvest

TABLE 1B - FRUIT TREES			
CROP	PEST	OUNCES PER GAL. WATER	TIME OF APPLICATION
Almonds / Apricots / Cherries	Aphids (eggs) / Fruit tree leafroller (eggs) / Tent caterpillars / San Jose scale	2.5-3.75	Dormant or delayed dormant
	Mites and scales	1.25-2.0	Summer (foliar or cover) or postharvest Application should not be made on oil sensitive varieties. Do not apply to trees lacking adequate moisture
Peaches / Nectarine	Aphids (eggs) / Fruit tree leaf roller (eggs) / Mites (eggs) / Peach twig borer (hibernacula) / Cottony peach scale / San Jose scale Mites / Scales (immature)	2.5-3.75	Dormant or delayed dormant
		1.25-2.5	Summer (foliar or cover) or postharvest
Plum / Prune	Aphids (eggs) / Scale / Mites (eggs)	2.0-2.5	Dormant to delayed dormant to ½ green tip
	Mites / Scales	1.25-2.0	Summer (foliar or cover) or postharvest. Do not apply over certain fresh market fruits after bloom starts to form, as the oil spray will remove the waxy bloom. Application should not be made over oil sensitive varieties
Pecans	Aphids (eggs) / Scales / Mites (eggs)	3.75	Dormant
	Aphids / Mites	1.25-2.0	Summer (foliar or cover) or postharvest

TABLE 1C - CITRUS TREES			
CROP	PEST	OUNCES PER GAL. WATER	TIME OF APPLICATION
Lemon / Grapefruit	Mites / Scales, including California red scale	1.25-2.0	For enhanced efficacy and less damage to plants, spray during Fall, early Winter, and Spring months when red scales are more easily controlled and trees are generally less reactive to oil. For all citrus oil sprays, ensure adequate moisture, so that leaves should not wilt before noon.
Naval and Valencia Oranges / Other citrus Includes nonbearing varieties	Mites including: Rust mite / Spider mite Scales including: Black scale / California red scale / Whitefly / Blackfly / Sooty mold	1.25-2.0	Oils applied after October may increase cold damage to trees. Oils applied in August and September may affect solids contents and retard coloring.



TABLE 2 - SHADE TREES, SHRUBS, ORNAMENTALS, FLOWER & FOLIAGE PLANTS, CONIFERS

TREE or PLANT	PEST	OUNCES PER GAL. WATER	TIME OF APPLICATION
Shade trees* (dormant) / Shrubs / Conifers / Deciduous broadleaf evergreens / Woody ornamentals / Ornamental trees*	Aphids / Adelgids / Eriophyid mites / Gall mites / Lace bugs / Leaf beetle larvae / Leafminers /	2.5-5.0	Winter dormant period, as needed
Shrubs including: Conifers / Deciduous broadleaf evergreens	Mealybugs / Psyllids (immature) / Sawfly larvae / Scales (immature) / Spider mites / Whiteflies**	1.25-3.75	Summer (foliar or cover), as needed
Flowering & foliage plants Including: Roses / Other flowering shrubs / Bedding plants		2.5-3.75	Winter dormant period, as needed
Foliage Ornamentals / Other plants		1.25-2.5	Summer (foliar or cover), as needed

*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. Tendency toward sensitivity: Red Cedar and Douglas Fir. Do not spray walnut foliage.

**Most effective on white fly during immature stages.

Up to 4 applications during the growing season are sufficient to control the claimed pests.

RESTRICTIONS: Use a 2-week interval between applications. Do not spray when buds have fully opened and shoot elongation is occurring. For fall dormant applications, do not exceed a rate 2.5 ounces per gallon and limit uses only to American red oak, Japanese black pine, Dogwood, Weeping cherry, Cornelian cherry, Crabapple, Norway maple, and Purple leaf plum.

TABLE 3 - SMALL FRUITS

CROP	PEST	OUNCES PER GAL. WATER	TIME OF APPLICATION
Blueberries	Mites / Sawfly (eggs)	3.75	Dormant
	Scales	2.5	Summer
Strawberries	Aphids / Mites	1.25	Dormant and summer
Grapes	Mealybugs	1.25-2.5	Dormant - A tank mix with an insecticide labeled for use on grapes may improve control.

TABLE 4 - VEGETABLES

CROP	PEST	OUNCES PER GAL. WATER	TIME OF APPLICATION
Beans / Corn / Pepper / Squash / Tomatoes / Asparagus / Beets / Cabbage / Cauliflower / Cucurbits / Eggplant / Lettuce / Melons / Potatoes / Radishes	Aphids / Mites / Beetle larvae / Leafminers / Thrips / Leafhoppers / Whiteflies	1.25-2.5	As needed

TABLE 5 - HOBBY GREENHOUSE

CROP OR PLANT	PEST	OUNCES PER GAL. WATER	SPECIFIC COMMENTS
Azaleas / Begonia / Camelia / Palms / Chrysanthemum / Dieffenbachia or Maidenhair ferns / Easter lily / Fern / Gardenia / Geranium / Hibiscus foliage / Jade plant / New Guinea impatiens	Aphids / Fungus gnats / Leafminers / Mealybugs / Scales (soft & hard) / Spider mites	1.25-2.5	Do not use on Coconut / Chrysanthemum and Geranium—Blooms have shown phytotoxicity at the 2.5 ounce rate.
Philodendron / Poinsettia / Portulaca / Begonia / Zinnias / Dieffenbachia	Mites /Thrips / Whiteflies* (immature)	1.25	Do not use on Poinsettia bracts
Leaf polish for hardy plants		1.25	

FREQUENCY OF APPLICATION: For the greenhouse pests listed, use once a week initially. As the pest is controlled, decrease the frequency to 2-3 weeks, as needed. Application safety during bloom period should be determined for each kind of plant to be treated by conducting a small test.

- Most effective on whiteflies during immature stage



TABLE 6 - INTERIORSCAPES

CROP OR PLANT	PEST	OUNCES PER GAL. WATER	SPECIFIC COMMENTS
Chrysanthemum / Dieffenbachia Dracaena / Ferns / Ficus / Gardenia / Jade plant / Palm / Philodendron	Aphids / Leafminers / Spider Mites / Whiteflies / Powdery Mildew / Sooty Mold / Various Fungal and Mildew infections	1.25	Do not apply to plants in direct sunlight behind glass. Do not use on coconut palms and maidenhair ferns. Chrysanthemum blooms have shown phytotoxic symptoms at higher rate.

Applicator should conduct a test for phytotoxicity by treating a few specimens before making a large scale application. Protect floor coverings and furnishings from spray. RESTRICTIONS: Do not exceed 3 consecutive applications without allowing a 2-week application interval.

TABLE 7 - YEAR-ROUND SPRAY OIL FUNGUS CONTROL

CROP	PEST	OUNCES PER GAL. WATER	TIME OF APPLICATION
Fruit and nut trees / Shade trees / Citrus trees / Shrubs / Ornamentals / Flower and foliage plants / Conifers / Fruits / Vegetables / Hobby and greenhouse plants	Powdery Mildew / Sooty Mold / Various Fungal and Mildew infections	1.25-2.0	Apply as soon as mold or mildew is discovered. Dormant or delayed application if fungus or mildew is present or has been present previously. One application has been found to cure or greatly reduce fungus. Use on a two to four week interval if fungus reappears. FOR SEVERE INFESTATIONS: Product may be used up to once per week, until fungus or infection is controlled.*

* Proper Application precautions must be followed diligently to reduce the risk of phytotoxicity; product should be applied in the evening, plants must be well watered, do not apply in direct sunlight and/or when temperatures are above 95 degrees Fahrenheit.

OTHER USES:

Figs: dormant or delayed dormant: Fig Scale-Use 3.75 oz. in 1 gal. water as a foliar spray.

Mites, Mealybug, Scale: Use 2.5 oz. per 1 gal. water.

Olives: Postbloom through August and postharvest: Scale-Use 2.0 oz. of spray oil per 1 gal. water.

Banana: Use as needed to control yellow Sigatoka disease. Use 1.25-2.0 of spray in 1 gal water. This application is also effective in loosening sooty mold fungus and in preventing its formation by the control of Aphids, Mealybug, Scales, and Whitefly.

Note: THIS PESTICIDE IS TO BE SOLD ONLY IN THIS ORIGINAL UNBROKEN CONTAINER.

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 condition, and only if purchased in the original unopened container. To the extent consistent with applicable laws, 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. To the extent consistent with applicable laws, seller's liability and buyers or user's remedies shall be limited to refund of the purchase price or replacement of the specific quantity involved. To the extent consistent with applicable laws, in no event shall seller be liable for special, incidental or consequential damages.