FRUIT & VEGETABLE SPRAY CONCENTRATE

BOTANICAL INSECT, MITE & DISEASE CONTROL

For use on Fruits & Vegetables, Herbs, Roses, Flowers, Houseplants, Trees & Shrubs

Kills Aphids, Whiteflies, & Mites
Controls Powdery Mildew, & Gray Mold

Harvest Same Day • Indoor & Outdoor Use

Keep Out of Reach of Children

Net Contents: 8 fl. oz. (236 ml)

†When used as directed.

KEEP OUT OF REACH OF CHILDREN

CAUTION

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†When used as directed.

ACTIVE INGREDIENTS:

Linseed Oil..............................................................................10.00%
Rosemary Oil.............................................................................1.00%
Thyme Oil..................................................................................0.50%
Peppermint Oil.........................................................................0.50%

OTHER INGREDIENTS

Water, Polyglyceryl Oleate*, Glycerin, Isopropyl Myristate, Xanthan Gum..................................................88.0%
Total .......................................................................................100.00%

*Emulsifier allowing oil & water to mix

Directions for Use

Mix at a rate of 1 to 3 fl. oz. per quart of water. Shake well. Read entire label and use accordingly. Spray plant surfaces until wet making applications to upper and lower leaf and stem surfaces.

This product has not been registered by the U.S. EPA. Arborjet represents that this product qualifies for exemption from registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), Section 25B.

Manufactured by: Arborjet, Inc.
99 Blueberry Hill Rd, Woburn, MA 01801
781-935-9070

®

Eco-1 Fruit & Vegetable Concentrate (8 fl oz) 040-7410

Rev. 09/2018 Eco-1 is a trademark of Arborjet, Inc.
FRUIT & VEGETABLE SPRAY
CONCENTRATE

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For use on Fruits & Vegetables, Herbs, Roses, Flowers, Houseplants, Trees & Shrubs
Effective Results from Botanical Oils
• Indoor & Outdoor Use
• Harvest Same Day
• No Petroleum Solvents
• Pleasant Smell

Kills Aphids, Whiteflies, & Mites

Controls Powdery Mildew & Gray Mold

Keep Out of Reach of Children
CAUTION
Net Contents: 32 fl. oz. (946 ml)
**ACTIVE INGREDIENTS:**
- Linseed Oil ............................................ 10.00%
- Rosemary Oil ........................................... 1.00%
- Thyme Oil ................................................. 0.50%
- Peppermint Oil ........................................ 0.50%

**OTHER INGREDIENTS:**
- Water, Polyglyceryl Oleate*, Glycerin, Isopropyl Myristate, Xanthan Gum ..................... 88.00%
 Total .......................................................... 100.00%

*Emulsifier allowing oil and water to mix

**Net Contents:** 32 fl. oz. (946 ml)

**Directions for Use**
Shake container, then mix 4 – 12 fl. oz. of Eco-1 Fruit & Vegetable Spray Concentrate per 1 gallon of water. Shake well. Spray plant surfaces until wet making applications to upper and lower leaf and stem surfaces. Read entire label and use accordingly.

**How to Apply**
Thoroughly apply the Eco-1 Fruit & Vegetable Spray mixture on the upper and lower leaf and stem surfaces, especially new shoots and under-side of leaves until runoff. Repeat applications every 7 - 14 days or as needed. Multiple applications per week may be used under heavy insect and disease pressure or during rapid plant growth. Under light pressure, the application interval may be extended. Continue applications at regular intervals until insect or disease populations are sufficiently controlled.

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Manufactured by: Arborjet, Inc.
99 Blueberry Hill Rd, Woburn, MA 01801 • 781-935-9070
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Net Contents: 8 fl. oz. (236 ml)/0.5 lbs/0.2 kg, 32 fl. oz. (946 ml)/2 lbs/0.9 kg, 32 ounce HES (hose end sprayer) (32 fl. oz. (946 ml)/2 lbs/0.9 kg), 1 gallon (3785 ml)/8 lbs/3.6 kg), 2.5 gallons (20 lbs/9.1 kg), 30 gallons (240 lbs./108.9 kg), 55 gallon drum (440 lbs./199.6 kg), and 275 gallon tote (2200 lbs./998 kg).

Manufactured by: Arborjet Inc., 99 Blueberry Hill Road, Woburn, MA 01801 781-935-9070

GENERAL INFORMATION

Eco-1® Fruit & Vegetable Spray Concentrate is a blend of botanical oils which provides a broad-spectrum, contact control of fungal diseases, insects, and mites.

• For use on all plants including but not limited to vegetables, fruits, herbs & spices, roses, flowers & ornamentals, houseplants, trees, & shrubs.

• Prevents and suppresses fungal attack of plant tissues by disrupting the cell wall of spores and hyphae.

• Kills by contact, all stages of soft-bodied insects: eggs, larvae, nymphs, adults.

• For best results, maintain constant agitation in spray equipment.

• Kills by contact when applied directly to pests.

• The use of adjuvants, surfactants, and/or penetrants is not required when using this product.

• For optimal performance, do not mix with cold water (less than 45°F).

• Can be used throughout the growing season including the same day as harvest.

• Can be used on both indoor and outdoor plants and in greenhouses.

• Low impact on beneficial insects. Avoid direct contact.

• Do not apply to wilted or otherwise stressed plants, or to new transplants prior to root establishment.

• To make one quart of Eco-1 Fruit & Vegetable Spray mixture, add 3 fl. oz. of Eco-1 Fruit & Vegetable Spray Concentrate and fill remaining space with 29 fl. oz. of water.

• 32 fl. oz. of Eco-1 Fruit & Vegetable Spray Concentrate makes up to 8 gallons of solution.

GETTING STARTED

Read entire label and use accordingly.
Eco-1 Fruit & Vegetable Spray Concentrate controls a wide range of soft-bodied insects and mites such as aphids, mealybugs, psyllids, scales, thrips, mites, and whiteflies. For best results, apply when conditions favor mites and insects or at the first sign of infestation. Use Eco-1 Fruit & Vegetable Spray Concentrate to prevent and control various fungal diseases such as powdery mildew, early and late blight, scab, gray mold, brown rots, and leaf spots. For best results apply product preventively or when conditions favor disease development. To manage leaf spots and scab, begin applications at the first signs of spring budding; for powdery mildew, apply in midsummer or when disease is first detected.

MIXING INSTRUCTIONS

Shake container, then mix 4 – 12 fl. oz. of Eco-1 Fruit & Vegetable Spray Concentrate per 1 gallon of water. Shake mixture well.

For best results, add Eco-1 Fruit & Vegetable Spray Concentrate to a container half full of 45°F or warmer water, agitate, and then fill with water to the desired level and agitate again. Maintain agitation during application. When combining with other products, such as insecticides, fungicides, or fertilizers, add these products first when the tank is approximately half full. Always clean tank, pump, and lines thoroughly with water after use. Note: When using hard water, it is recommended to completely fill tank with water first, then add a water softener, mix thoroughly, and add Eco-1 Fruit & Vegetable Spray Concentrate and mix thoroughly.

APPLICATION INSTRUCTIONS

Eco-1 Fruit & Vegetable Spray Concentrate is designed for use in handheld sprayers, pump sprayers, and foggers. Thoroughly apply the Eco-1 Fruit & Vegetable Spray Concentrate mixture on the upper and lower leaf and stem surfaces, especially new shoots and under-side of leaves until runoff. Repeat applications every 7 -14 days or as needed. Multiple applications per week may be used under heavy insect and disease pressure or during rapid plant growth. Under light pressure, the application interval may be extended. Continue applications at regular intervals until insect or disease populations are sufficiently controlled.

APPLICATION RATES

General Rate and Application Frequency Recommendations

<table>
<thead>
<tr>
<th>Conditions</th>
<th>Rate Per Gallon of Water</th>
<th>Frequency</th>
</tr>
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<tbody>
<tr>
<td>Light insect and disease pressure or slow growing plants</td>
<td>4-12 fl. oz.</td>
<td>1 application every 7-14 days</td>
</tr>
<tr>
<td>Heavy insect and disease pressure or fast growing plants</td>
<td>8-24 fl. oz.</td>
<td>1-2 applications every 7 days</td>
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<table>
<thead>
<tr>
<th>Plant Pest</th>
<th>Pest Conditions/ When to Apply</th>
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<tr>
<td>Aphids, Mealy Bugs, Psyllids, Scale Crawlers, Thrips, Whiteflies, such as: Rosegus Spiraling Whitefly &amp; Woolly whiteflies</td>
<td>Spray when pest first appears or injury is first observed, such as leaf curl or stippling.</td>
<td>6-12 fl. oz.</td>
</tr>
<tr>
<td>Mites, such as: Two Spotted Spider Mite, European Red Mite, Southern Red Mite, Broad Mite</td>
<td>Spray when temps reach 85°F when mites or stippling are first observed.</td>
<td>4-8 fl. oz.</td>
</tr>
<tr>
<td>Colorado Potato Beetle (eggs &amp; larvae)</td>
<td>In spring, when adult beetles first emerge, apply directly to egg masses and young larvae, spraying to runoff, thoroughly covering undersides and top of foliage. Make applications weekly as new egg masses appear for season long control.</td>
<td>8-12 fl. oz. (eggs); 12-24 fl. oz. (larvae)</td>
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Local conditions also can influence plant tolerance and may not match those under which testing has been conducted. Before using Eco-1 Fruit & Vegetable Spray Concentrate, test the product in a small trial to check for flower or leaf burn before using on a large scale. Use caution when applying to newly planted cuttings or plants stressed by drought. Do not apply when temperatures exceed 90° F. Do not spray the blooms directly.

**PRECAUTIONARY STATEMENTS**

Caution – We recommend good safety practices when using any pesticide, such as avoiding contact with eyes and skin and keeping out of the reach of children. Wear gloves and eye protection when using Eco-1 Fruit & Vegetable Spray Concentrate. May be harmful if swallowed. If product gets in eyes, flush with water. If on skin, wash with soap and water. If irritation persists, contact a physician. This product is not toxic to wildlife and poses minimal risk to fish and aquatic organisms. Avoid direct contact with bodies of water.

**STORAGE & DISPOSAL**

Store container in a cool, dry area. Do not store near heat or open flame. Keep from freezing. Offer for recycling if available or discard in trash.

**WARRANTY**

Seller warrants that the product conforms to its chemical description and is reasonably fit for the purpose stated on the label when used in accordance with directions under normal conditions of use; but neither this warranty nor any other warranty of merchantability or fitness of a particular product expressed or implied, extends to the use of this product contrary to label conditions, or under conditions not reasonably foreseeable to the seller; and buyer assumes the risk of any such use.

Eco-1® is a trademark of Arborjet, Inc.
ACTIVE INGREDIENTS:
Linseed Oil ................................................................. 10.00%
Rosemary Oil ............................................................. 1.00%
Thyme Oil ................................................................. 0.50%
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Water, Polyglyceryl Oleate*, Glycerin, Isopropyl Myristate, Xanthan Gum ........................................... 88.00%
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KEEP OUT OF REACH OF CHILDREN CAUTION

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Net Contents:
8 fl. oz. (236 mL)

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Eco-1® Fruit & Vegetable Spray Concentrate is a blend of botanical oils which provides a broad-spectrum, contact control of fungal diseases, insects, and mites.

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- Prevents and suppresses fungal attack of plant tissues by disrupting the cell wall of spores and hyphae.
- Kills by contact, all stages of soft-bodied insects: eggs, larvae, nymphs, adults.
- For best results, maintain constant agitation in spray equipment.
- Kills by contact when applied directly to pests.
- The use of adjuvants, surfactants, and/or penetrants is not required when using this product.
- For optimal performance, do not mix with cold water (less than 45° F).
- Can be used throughout the growing season including the same day as harvest.
• Can be used on both indoor and outdoor plants and in greenhouses.
• Low impact on beneficial insects. Avoid direct contact.
• Do not apply to wilted or otherwise stressed plants, or to new transplants prior to root establishment.
• To make one quart of Eco-1 Fruit & Vegetable Spray mixture, add 3 fl. oz. of Eco-1 Fruit & Vegetable Spray Concentrate and fill remaining space with 29 fl. oz. of water.
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MIXING INSTRUCTIONS

Shake container, then mix 4 – 12 fl. oz. of Eco-1 Fruit & Vegetable Spray Concentrate per 1 gallon of water. Shake mixture well.

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<td>6-12 fl. oz.</td>
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<td>Mites, such as:</td>
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<td>-------------------------------</td>
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<td>Two Spotted Spider Mite, Euro-</td>
<td></td>
<td></td>
</tr>
<tr>
<td>pean Red Mite, Southern Red Mite, Broad Mite</td>
<td></td>
<td></td>
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<td>Spider Beetle (eggs &amp; larvae) Lily Leaf Beetle</td>
<td>In spring, when adult beetles first emerge, apply directly to egg masses and young larvae, spraying to runoff, thoroughly covering undersides and top of foliage. Make applications weekly as new egg masses appear for season long control</td>
<td>8-12 fl. oz. (eggs); 12-24 fl. oz. (larvae)</td>
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### PLANT SAFETY

Local conditions also can influence plant tolerance and may not match those under which testing has been conducted. Before using Eco-1 Fruit & Vegetable Spray Concentrate, test the product in a small trial to check for flower or leaf burn before using on a large scale. Use caution when applying to newly planted cuttings or plants stressed by drought. Do not apply when temperatures exceed 90° F. Do not spray the blooms directly.

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<td>Leaf spots and Scab, Blights and Rots</td>
<td>At the first sign of spring budding</td>
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<tr>
<td>Powdery Mildew, Gray Mold, Botrytis</td>
<td>Midsummer or when conditions favor disease development</td>
<td>4-12 fl. oz.</td>
</tr>
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<td>Scab, Rot, Blights, and Anthracnose on Nuts</td>
<td>Check with your local extension agent for timing recommendations</td>
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