ARMICARB® “O”

A BROAD SPECTRUM, CONTACT FOLIAR FUNGICIDE, FOR CONTROL OF A VARIETY OF DISEASES ON AGRICULTURAL CROPS, TERRESTRIAL AND ORNAMENTAL PLANTS, GREENHOUSE AND NURSERY CROPS AND TURF

This package can treat up to ______ acre(s) at the recommended maximum treatment rate.

ACTIVE INGREDIENT:
Potassium Bicarbonate ................................................................. 85.00%
OTHER INGREDIENTS .............................................................. 15.00%
TOTAL ................................................................. 100.00%

KEEP OUT OF REACH OF CHILDREN

CAUTION – PRECAUCION

HAZARD TO HUMANS AND DOMESTIC ANIMALS

CAUTION – PRECAUCION
Harmful if swallowed. Causes moderate eye irritation. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling.

SEE INSIDE PANEL FOR ADDITIONAL PRECAUTIONS AND DIRECTIONS FOR USE

FIRST AID
If swallowed:
• Call poison control center or doctor immediately for treatment advice.
• Have person drink several glasses of water.
• Do not induce vomiting.
• 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 minutes.
• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.
• Call a poison control center or doctor for treatment advice.

HOT LINE NUMBER
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-424-9300 for emergency medical treatment information.

PESTICIDE DISPOSAL: Wastes resulting from use of this product may be disposed of on site or at an approved waste disposal facility.
EPA REG. NO. 5905-541
EPA EST. NO. First letters of product batch code indicate producing establishment:
5905-AR-001=WA • 5905-GA-001=CG • 5905-IA-001=DI • 5905-CA-001=KC

NET CONTENTS: 5 Lbs. (2.27 kg)

MANUFACTURED FOR
HELENA CHEMICAL COMPANY
225 SCHILLING BOULEVARD, SUITE 300
COLLIERVILLE, TENNESSEE 38017
PERSONAL PROTECTIVE EQUIPMENT (PPE)
Applicators and other handlers must wear:
• Long-sleeved shirt and long pants
• Shoes plus socks
Follow manufacturer’s instructions for cleaning and maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

USER SAFETY RECOMMENDATIONS
Users should:
• 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.

ENVIRONMENTAL HAZARDS
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 when cleaning equipment or disposing of equipment washwaters.

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: coveralls, waterproof gloves, shoes plus socks.

NON-AGRICULTURAL USE REQUIREMENTS
The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses. Keep unprotected persons out of treated areas until sprays have dried.

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

PESTICIDE STORAGE: Store in original container in a cool, dry place. Prevent exposure to moisture. Keep container tightly closed and out of the reach of children. Avoid contamination with other pesticides or fertilizers.

PESTICIDE SPILL PROCEDURE: In case of a spill, carefully sweep up the material to avoid generating dust. Store in a labeled container for disposal.

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

CONTAINER DISPOSAL: Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill or by incineration or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

GENERAL INFORMATION
ECO-MATE® ARMICARB® “O” IS A BROAD SPECTRUM, CONTACT FOLIAR FUNGICIDE, FOR CONTROL OF A VARIETY OF DISEASES ON AGRICULTURAL CROPS, TERRESTRIAL AND ORNAMENTAL PLANTS, GREENHOUSE AND NURSERY CROPS AND TURF.

ECO-MATE® ARMICARB® “O” is applied using a sufficient volume of water to insure complete coverage of all stems and foliage. Final spray solution should not be below 7.0 pH.
SPRAY APPLICATION METHOD: Do not apply this product through any type of irrigation system. For best results, use a properly calibrated sprayer and check the calibration frequently.

IMPORTANT: Read the entire label before using ECO-MATE® ARMICARB® “O”. Consult your State Agricultural Experiment Station or Extension Service Specialist for additional information on timing of applications, rates, and any additional requirements or restrictions.

MIXING INSTRUCTIONS

ECO-MATE® ARMICARB® “O” must be diluted with water before applying. Carefully measure and mix the recommended amounts of product and water.

1. Fill tank with 1/2 to 3/4 of the selected volume of water prior to the addition of ECO-MATE® ARMICARB® “O”. Start mechanical or hydraulic agitation.
2. Slowly add the required amount of ECO-MATE® ARMICARB® “O” to the tank.
3. Continue to fill the tank with water to the desired volume while agitating to promote uniform distribution and prevent settling.

Some tank mixes may produce spray mixes that are incompatible. A “far test” is recommended for unfamiliar tank mixes. AS WITH ANY PESTICIDE, THE ADDITION OF SPRAY ADJUVANTS AND OTHER PESTICIDES TO THE SPRAY TANK MAY CAUSE PHYTOXOTOXICITY TO THE FOLIAGE AND/OR FRUIT OF SUSCEPTIBLE CROPS AND PLANTS.

APPLICATION TIMING

Start application at first sign of disease. For best protection, repeat at one- to two-week intervals until conditions are no longer favorable for disease development. Shorten the interval during rainy weather or during periods of high relative humidity.

For appropriate crops, ECO-MATE® ARMICARB® “O” may also be applied post-harvest to remaining foliage to decrease overwintering inoculum.

FIELD APPLICATION: (California registered uses are listed in a separate section.)

Mix at a rate of 2.5 to 5.0 pounds of ECO-MATE® ARMICARB® “O” in 100 gallons of water. Apply mixed spray solution to thoroughly wet stems and foliage of plants. Apply a minimum of 20 gallons of mixed spray solution per acre. Spray volume per acre of treatment can vary depending upon plant type and stage of development. Concentration of spray solution and frequency of application will depend upon disease pressure. Repeat application at 10-14 day intervals or as needed. Increase frequency of application to every 5-7 days during periods of weather favorable to fungal growth. DO NOT EXCEED A MIX RATE OF 5 POUNDS OF ECO-MATE® ARMICARB® “O” PER 100 GALLONS OF WATER. Do not store unused spray solution. Dispose of unused spray solution on site. Spray solution should be applied within 12 hours of preparation.

GREENHOUSE APPLICATION: (California registered uses are listed in a separate section.)

Mix at a rate of 2.5 to 5 pounds of ECO-MATE® ARMICARB® “O” in 100 gallons of water. Apply mixed spray solution to thoroughly wet stems and foliage of plants. Spray volume per unit of treated area can vary depending upon plant type and stage of development. Use minimum of 10-20 gallons of water per 1/10 acre or 4350 sq. ft. Concentration of spray solution and frequency of application will depend upon disease pressure. Repeat application at 10-14 day intervals or as needed. Increase frequency of application to every 5-7 days during periods of weather favorable to fungal growth. DO NOT EXCEED A MIX RATE OF 5 POUNDS OF ECO-MATE® ARMICARB® “O” PER 100 GALLONS OF WATER. Do not store unused spray solution. Dispose of unused spray solution on site. Spray solution should be applied within 12 hours of preparation.

TURF APPLICATION: (California registered uses are listed in a separate section.)

Mix at a rate of 0.92 oz. to 1.84 oz. in 2.5 gallons of water. Apply mixed spray solution at a rate of 2.5 gallons per 1,000 sq. ft. or 109 gallons per acre. Uniform and complete coverage of the foliage is essential for the most effective results. Concentration of spray solution and frequency of application will depend upon disease pressure. Repeat applications at 10-14 day intervals or as needed. Increase frequency of application every 5-7 days during periods of weather favorable to fungal growth. DO NOT EXCEED A MIX RATE OF 1.84 OZ. ECO-MATE® ARMICARB® “O” PER 2.5 GALLONS OF WATER. Do not store unused spray solution. Dispose of unused spray solution on site. Spray solution should be applied within 12 hours of preparation.

ORNAMENTAL APPLICATIONS: (California registered uses are listed in a separate section.)

- Mix at a rate of 2.5 to 5 pounds of ECO-MATE® ARMICARB® “O” in 100 gallons of water. Apply mixed spray solution to thoroughly wet stems and foliage of plants. Apply a minimum of 20 gallons of mixed spray solution per acre. If Ornamentals are produced in a Greenhouse system: Mix at a rate of 2.5 to 5 pounds of ECO-MATE® ARMICARB® “O” in 100 gallons of water. Use a minimum of 10-20 gallons of mixed spray solution per 4350 sq. ft. or 1/10 acre. In both production systems, spray volume per acre/sq. ft. of treatment may vary depending upon plant type and stage of development. Concentration and frequency of application will depend upon disease pressure. Repeat application at 10-14 day intervals or as needed. Increase frequency of applications to every 5-7 days during conditions favorable to fungal growth. DO NOT EXCEED A MIX RATE OF 5 POUNDS OF ECO-MATE® ARMICARB® “O” PER 100 GALLONS OF WATER. Do not store unused spray solution. Dispose of unused spray solution on site. Spray solution should be applied within 12 hours of preparation.

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<tr>
<th>CROPS</th>
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<tbody>
<tr>
<td>Alfalfa</td>
<td>Control</td>
<td>P1</td>
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<tr>
<td>Almonds</td>
<td>Control</td>
<td>G1</td>
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<tr>
<td>Apples</td>
<td>Control</td>
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<tr>
<td>Apricots</td>
<td>Control</td>
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<td>Avocado</td>
<td>Control</td>
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<td>Barley</td>
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<td>E1</td>
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<tr>
<td>Beans</td>
<td>Control</td>
<td>E1</td>
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<tr>
<td>Snap Beans</td>
<td>Control</td>
<td>E1</td>
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<tr>
<td>Scarlet Runner</td>
<td>Control</td>
<td>E1</td>
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</tbody>
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AGRICULTURAL APPLICATIONS: (California registered uses are listed in a separate section.)

- Alfalfa
- Almonds
- Apples
- Apricots
- Avocado
- Barley
- Beans
- Snap Beans
- Scarlet Runner

- HYDRAULIC AGITATION:

- MEAN HIGH WATER MARK: Do not drift. Only protected handlers agency responsible for pest-
**AGRICULTURAL APPLICATIONS**: (California registered uses are listed in a separate section.)

ECO-MATE® ARMICARB® “O” is recommended for use in the following use sites: Greenhouse, Orchard, Nursery, and Field Applications.

**PHI**: Preharvest interval zero (0) days required on the following crops.

### FOR USE ON:

<table>
<thead>
<tr>
<th>CROPS</th>
<th>DISEASES</th>
<th>RATE: LBS. ARMICARB® “O” per 100 Gal. Water</th>
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</thead>
<tbody>
<tr>
<td>Alfalfa</td>
<td>Control (Phoma (spring black stem and leaf spot) Colletotrichum (anthracnose) Peronospora (downy mildew) Botrytis (shoot and flower blight) Erysiphe (powdery mildew)</td>
<td>2.5-5.0</td>
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<tr>
<td>Almonds</td>
<td>Control (Gloeosporium (anthracnose, kernel rot) Podosphaera (powdery mildew) Sphaerotheca (powdery mildew) Monilinia (blossom brown rot)</td>
<td>2.5-5.0</td>
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<tr>
<td>Apples</td>
<td>Control (Neofahraea (northeastern anthracnose) Glomerella (spot anthracnose) Alternaria (leaf spot, end rot, fruit rot) Podotrichum (powdery mildew) Phoma (fruit rot) Botrytis (fruit rot) Elainace (spot anthracnose) Colletotrichum (fruit anthracnose) Monilinia (brown rot) Schizothyrium (fly speck)</td>
<td>2.5-5.0</td>
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<tr>
<td>Apricots</td>
<td>Control (Alternaria (blossom end rot, fruit spot) Botrytis (green fruit rot, gummosis) Podosphaera (powdery mildew) Sphaerotheca (powdery mildew) Monilinia (brown rot, blossom blight)</td>
<td>2.5-5.0</td>
</tr>
<tr>
<td>Avocado</td>
<td>Control (Alternaria (fruit rot) Sphaerella (spot anthracnose) Glomerella (anthracnose)</td>
<td>2.5-5.0</td>
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<tr>
<td>Barley</td>
<td>Control (Erysiphe (powdery mildew) Septoria (leaf blight, leaf spot)</td>
<td>2.5-5.0</td>
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<tr>
<td>Beans</td>
<td>Control (Erysiphe (powdery mildew) Colletotrichum (anthracnose) Botrytis (gray mold blight) Ascochyta (leaf and pod spot) Alternaria (leaf spot) Erysiphe and Microsphaera (powdery mildew) Sphaerella (spot anthracnose)</td>
<td>2.5-5.0</td>
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<tr>
<td>Crops</td>
<td>Control</td>
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### CROPS

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<tr>
<th>CROPS</th>
<th>DISEASES</th>
<th>RATE: LBS. ARMICARB® “O” per 100 Gal. Water</th>
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<tbody>
<tr>
<td>Blueberries</td>
<td>Control: Gloeosporium (anthracnose), Glomerella (anthracnose, berry rot), Botrytis (botrytis blight, blossom, fruit, twig canker), Septoria (leaf spot), Phoma (phoma canker), Alternaria (canker, leaf spot, berry rot), Monilinia (brown rot, gummy berry), Microsphaera (powdery mildew)</td>
<td>2.5-5.0</td>
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<td></td>
<td>Brassica Crops: (Broccoli, Brussels Sprouts, Cabbage, Cauliflower, Chinese Cabbage, Kale, Kohlrabi, Mustard Greens, Radicchio, Turnip)</td>
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<td>Control: Phoma (blackleg, leaf spot), Botrytis (gray mold blight), Peronospora (downy mildew), Alternaria (gray leaf spot, black leaf spot), Erysiphe (powdery mildew), Colletotrichum (anthracnose)</td>
<td>2.5-5.0</td>
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<td>Caneberrries: (Blackberry, Gooseberry, Raspberry, Huckleberry)</td>
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<td>Control: Peronospora, Plasmodiophora (powdery mildew), Gloeosporium (sooty blotch), Septoria (leaf spot), Microsphaera, Sphaerotheca, Phylosticta (powdery mildew), Botrytis (gray mold rot, root rot), Pseudoperonospora (downy mildew), Ascochyta (leaf spot), Penicillium (fruit spot, anthracnose), Sphaerulina, Erisipha (sporot spot anthracnose), Gloeosporium (gray bark, anthracnose), Monilinia (brown rot), Alternaria (fruit rot)</td>
<td>2.5-5.0</td>
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<td>Carrots: Control: Colletotrichum (anthracnose), Alternaria (leaf blight, leaf spot), Pseudoperonospora (downy mildew), Ascochyta (leaf spot), Septoria (leaf spot), Erysiphe, Sphaerotheca, Leveillula (powdery mildew), Botrytis (fruit rot), Gloeosporium (spot anthracnose)</td>
<td>2.5-5.0</td>
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<td>Cherries: Control: Botrytis (fruit rot), Alternaria (leaf spot, fruit rot), Podosphaera (powdery mildew), Monilinia (blossom rot, brown rot, seedling, twig, shoot leaf blight)</td>
<td>2.5-5.0</td>
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<td>Citrus: Control: Gloemerella (anthracnose), Alternaria (brown spot blight, fruit blight, tar spot, black rot), Oidium (powdery mildew), Botrytis (gray mold rot), Erysiphe (spot anthracnose), Gloeosporium (anthracnose, fruit rot), Gloeosporium (sooty blotch)</td>
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<td>Cucumber: Control: Colletotrichum (anthracnose), Alternaria (leaf blight, leaf spot), Pseudoperonospora (downy mildew), Ascochyta (leaf spot), Septoria (leaf spot), Erysiphe, Sphaerotheca, Leveillula (powdery mildew), Botrytis (fruit rot), Gloeosporium (spot anthracnose)</td>
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<td>Eggplant:</td>
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<td></td>
<td>Endive, Chicory, Escarole:</td>
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<td>Grape:</td>
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<td></td>
<td>Herbs: Basil, Oregano, Rosemary, Sage, Thyme:</td>
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<td>Lettuce:</td>
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<td>Mango:</td>
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<td>Melons: Cantaloupe, Crenshaw, Honeydew, Muskmelon, Watermelon</td>
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<td>Nectarine:</td>
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<tr>
<td>CROPS</td>
<td>DISEASES</td>
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<tr>
<td>Eggplant</td>
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<td></td>
<td>Colletotrichum, Gloeosporium, Glomerella (anthracnose)</td>
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<td></td>
<td>Alternaria (early blight)</td>
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<td></td>
<td>Peronospora (downy mildew)</td>
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<td>Botrytis (gray mold rot)</td>
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<td></td>
<td>Ascochyta (leaf spot)</td>
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<td>Septoria (leaf spot)</td>
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<td>Erysiphe (powdery mildew)</td>
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<td>Endive, Chicory, Escarole</td>
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<td>(powdery mildew)</td>
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<td>Plasmopara (downy mildew)</td>
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<td>Glomerella (anthracnose)</td>
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<td>Uncinula (powdery mildew)</td>
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<td>Botrytis (gray mold rot)</td>
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<td>Phoma (fruit rot)</td>
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<td>Elsinoe (spot anthracnose, bird's eye rot)</td>
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<td>Thyme</td>
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<td>Colletotrichum, Glomerella (anthracnose)</td>
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<td>Pseudoperonospora (downy mildew)</td>
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<td>Septoria (leaf spot)</td>
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<td>Erysiphe, Sphaerotheca (powdery mildew)</td>
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<td>Marssonina (powdery mildew)</td>
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<td>Septoria (leaf spot)</td>
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<td>Erysiphe (powdery mildew)</td>
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<td>Botrytis (gray mold rot)</td>
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<td>Mango</td>
<td>Control</td>
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<td>Glomerella (anthracnose)</td>
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<td>Septoria (leaf spot)</td>
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<td>Oidium (powdery mildew)</td>
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<td></td>
<td>Elsinoe (spot anthracnose)</td>
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<td>Melons: (Cantaloupe, Crenshaw, Honeydew, Muskmelon, Watermelon)</td>
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<td></td>
<td>Colletotrichum, Marssonia (anthracnose)</td>
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<td>Alternaria (leaf blight, black mold, leaf spot)</td>
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<td>Pseudoperonospora (downy mildew)</td>
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<td>Erysiphe (powdery mildew)</td>
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<td>Podosphaera, Sphaerotheca (powdery mildew)</td>
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<td>Montinia (twig blight, brown rot)</td>
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<tr>
<td>Crops</td>
<td>Diseases</td>
<td>Rate: LBS. ARMICARB® &quot;O&quot;  per 100 Gal. Water</td>
</tr>
<tr>
<td>---------------</td>
<td>-------------------------------------------------------------------------------------------------------------------------------------------</td>
<td>---------------------------------------------</td>
</tr>
<tr>
<td>Okra</td>
<td>Control Colletotrichum (anthracnose, pod spot) Asiycha (Alternaria, Erysiphe (powdery mildew)) Botrytis (pod spot)</td>
<td>2.5-5.0</td>
</tr>
<tr>
<td>Onions</td>
<td>Control Colletotrichum (anthracnose) Alternaria (leaf blight, leaf spot) Pseudoperonspora (downy mildew) Asiycha (leaf spot) Septoria (leaf spot) Erysiphe, Sphaerotheca, Leveillula (powdery mildew) Botrytis (fruit rot) Gloeosporium (spot anthracnose)</td>
<td>2.5-5.0</td>
</tr>
<tr>
<td>Peas</td>
<td>Control Colletotrichum (leaf and pod spot, anthracnose) Peronospora (downy mildew) Asiycha (leaf blight) Alternaria (leaf blight) Erysiphe (powdery mildew) Botrytis (gray mold rot)</td>
<td>2.5-5.0</td>
</tr>
<tr>
<td>Peaches</td>
<td>Control Podosphaera, Sphaerotheca (powdery mildew) Botrytis (gray mold) Monilinia (blossom and twig blight, brown rot) Glomerella (anthracnose rot)</td>
<td>2.5-5.0</td>
</tr>
<tr>
<td>Pears</td>
<td>Control Neofabraeae (northwestern anthracnose) Elsinoe (spot anthracnose) Phoma (fruit rot) Podosphaera (powdery mildew) Botrytis (blossom and twig blight) Alternaria (fruit rot) Gloeosporium (sooty blotch) Monilinia (brown rot, blossom rot) Glomerella (anthracnose)</td>
<td>2.5-5.0</td>
</tr>
<tr>
<td>Pecans</td>
<td>Control Glomerella (anthracnose) Septoria (leaf spot) Microsphaera (powdery mildew) Elsinoe (spot anthracnose)</td>
<td>2.5-5.0</td>
</tr>
<tr>
<td>Peppers</td>
<td>Control Gloeosporium, Glomerella, Colletotrichum (spot and fruit anthracnose, fruit rot, ripe rot) Peronospora (downy mildew) Asiycha (leaf spot) Leveillula (powdery mildew) Alternaria (black rot, early blight) Phoma (fruit rot) Botrytis (gray mold rot)</td>
<td>2.5-5.0</td>
</tr>
<tr>
<td>Pistachio</td>
<td>Control Botrytis (shoot blight) Septoria (leaf spot)</td>
<td>2.5-5.0</td>
</tr>
<tr>
<td>Plums, Prunes</td>
<td>Control Botrytis (blossom and twig blight, fruit rot) Alternaria (fruit rot) Monilinia (blossom blight, twig blight, brown rot) Septoria (leaf spot, shot hole) Podosphaera (powdery mildew)</td>
<td>2.5-5.0</td>
</tr>
</tbody>
</table>
**TURF APPLICATION:** (California registered use) ECO-MATE® ARMICARB® “O” is recommended for other commercial turf grass sites.

**PHI: Preharvest Interval zero (0) days require**

**FOR USE ON:** Bentgrass Bluegrass, K Bermudagrass Centipedegrass

**DISEASES CONTROLLED**

Alternaria leaf spot Ascochyta blight

Downy mildew

**ORNAMENTAL APPLICATIONS:** (California registration required)

**PHI: Preharvest Interval zero (0) days require**

**PLANT TYPES**

Annual and perennial flowers Woody and ornamental shade trees

**FOR USE ON:**

Ageratum Crape Myrtle

Ajuga Crassula

Almond-Ornamental Cotone

Alyssum Delphinium

Andromeda Dianthus

Aphelandra Dayglothea

Apple-Ornamental Dogwood

Apricot-Ornamental English Ivy

Aster Episcia

Azalea Euonymus

Boxwood Forsythia

Calendula Gazania

Carnation Geranium

Centaurea montana Gladiolus

Cherry-Ornamental Gloxinia

Copaenanthemum Gymopilha

Cineraria Hawthorn

Citrus Helopsis scs

Colesus Hibiscus

Columbine Holly

Coral Bells Hoya

(Heuchera) Hydrangea

**DISEASES CONTROLLED**

Alternaria blight Corynespora

Anthracnose Didymella b

Ascochyta blight Diplodia tip t

Black Spot Entomosporia

Botrytis blight Fusarium

Botrytis gray mold Helminthosporia

<table>
<thead>
<tr>
<th>CROPS</th>
<th>DISEASES</th>
<th>RATE: LBS. ARMICARB® “O” per 100 Gal. Water</th>
</tr>
</thead>
<tbody>
<tr>
<td>Potatoes</td>
<td>Control Gloeosporium (anthracnose) Colletotrichum (black dot disease) Alternaria (early blight) Ascochyta (leaf spot) Erysiphe (powdery mildew) Botrytis (gray mold rot, shoot blight)</td>
<td>2.5-5.0</td>
</tr>
<tr>
<td>Spinach</td>
<td>Control Colletotrichum (anthracnose) Peronospora (downy mildew) Alternaria (leaf spot)</td>
<td>2.5-5.0</td>
</tr>
<tr>
<td>Squash: (Acorn, Pumpkin, Summer, Winter, Zucchini)</td>
<td>Control Colletotrichum (anthracnose) Gloeosporium (anthracnose, spot anthracnose) Botrytis (gray mold blight) Sphaerotheca (powdery mildew) Peronospora (downy mildew)</td>
<td>2.5-5.0</td>
</tr>
<tr>
<td>Strawberry</td>
<td>Control Colletotrichum (anthracnose, fruit anthracnose) Gloeosporium (anthracnose, spot anthracnose) Botrytis (gray mold rot, leaf blight) Sphaerotheca (powdery mildew) Peronospora (downy mildew) Phoma (fruit rot, stem rot, leaf spot) Botrytis (gray mold,fruit rot)</td>
<td>2.5-5.0</td>
</tr>
<tr>
<td>Sweet Potato</td>
<td>Control Alternaria, Septoria (leaf spot) Botrytis (gray mold rot)</td>
<td>2.5-5.0</td>
</tr>
<tr>
<td>Tomatoes</td>
<td>Control Glomerella, Colletotrichum (anthracnose, black dot disease) Gloeosporium (anthracnose, spot anthracnose) Botrytis (gray mold rot, leaf blight, black mold, fruit rot, nailhead spot rot) Peronospora (downy mildew) Phoma (fruit rot) Ascochyta, Septoria (leaf spot) Erysiphe, Leveillula, Olidopis, Olidium (powdery mildew)</td>
<td>2.5-5.0</td>
</tr>
<tr>
<td>Walnut</td>
<td>Control Gnomonia (anthracnose) Ascochyta (ring spot) Alternaria (nut mold) Phylluminia, Microsphaera, Erysiphe (powdery mildew)</td>
<td>2.5-5.0</td>
</tr>
<tr>
<td>Wheat</td>
<td>Control Alternaria (black head mold, black point) Ascochyta (leaf spot) Colletotrichum (anthracnose) Erysiphe (powdery mildew) Sclerotinia (downy mildew)</td>
<td>2.5-5.0</td>
</tr>
</tbody>
</table>
ECO-MATE® ARMICARB® "O" is recommended for use in the following use sites: Commercial and residential lawns, golf course, and other commercial turf grass sites. 

**PHI: Preharvest Interval zero (0) days required**

**FOR USE ON:**

- Bentgrass
- Bermudagrass
- Bluegrass, Kentucky, annual
- Centipedegrass
- Ryegrass, perennial, annual
- St. Augustinegrass
- Zoysiagrass
- **DISEASES CONTROLLED:**
  - Alternaria leaf spot
  - Ascochyta blight
  - Helminthosporium leaf spot
  - Septoria leaf spot
  - **ORNAMENTAL APPLICATIONS:**
    - Annual and perennial flowers
    - Woody and ornamental shade trees
    - Woody and herbaceous ornamentals
    - Ornamental nut and fruit trees

**PLANT TYPES**

- Impatiens
- Iris
- Juniper
- Lavender
- Lemon balm
- Lipstick balm
- Lipstick Vine
- (Aescyohanthus)
- Marigold
- (Ageratum)
- Monarda (Bee Balm)
- Nectarine-Ornamental
- (Alyssum)
- (Aster)
- (Azalea)
- (Boxwood)
- (Calendula)
- (Centaurea montana)
- (Cherry-Ornamental)
- (Chrysanthemum)
- (Cineraria)
- (Citrus)
- (Coleus)
- (Columbine)
- (Coral Bells)
- (Diseases Controlled)

**RATE:** LBS. ARMICARB® "O" per 100 Gal. Water

- 2.5-5.0

**CALIFORNIA REGISTERED USES:**

**PHI: Preharvest Interval zero (0) days**

**FOR USE ON:**

- Acorn squash
- Cucum
- Almond *
- Endive
- Apples*
- Escar
- Apricot *
- Grape
- Cantaloupe
- Honey
- Cherries *
- Lettuc
- Chicory
- Muskin
- Crenshaw melon
- Peach

*Ornamental and fruiting varieties

**DISEASES CONTROLLED**

Downy mildew (Agricultural Crops Only)
Powdery mildew

**Read the Conditions of Sale – Warranty are not acceptable, return the product.**

The directions on this label are believed crop to which the product is applied must follow the label directions or good agronomic practice. The Company warrants that this product con comply with the conditions of sale subject to the other warranties or representations of a manufacturer. The Company and the seller offer this product with all warranty, liability and remedies.

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*For use on:
- "O" days required for the following plant types.

**PLANT TYPES**

- Ageratum
- Crape Myrtle
- Impatiens
- Plum-Ornamental
- Amona
- Carnation
- Iris
- Peinsetta
- Almond-Ornamental
- Aster
- Amona-Ornamental
- (Azalea)
- (Boxwood)
- (Calendula)
- (Centaurea montana)
- (Cherry-Ornamental)
- (Chrysanthemum)
- (Cineraria)
- (Citrus)
- (Coleus)
- (Columbine)
- (Coral Bells)
- (Diseases Controlled)

**RANGE:** LBS. ARMICARB® "O" per 100 Gal. Water

- 2.5-5.0

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- Grape
- Cantaloupe
- Honey
- Cherries *
- Lettuc
- Chicory
- Muskin
- Crenshaw melon
- Peach

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al and residential lawns, golf course, and ornamentals. Red St. Augustinegrass

**Annual Zoysiagrass**

Spot Septoria leaf spot and ornamentals.

Plum-Ornamental

Poinsettia

Poppy

Pothos

Primrose

Privet

Protea

Pulmonaria

Pyracantha

Rhododendron

Rose

Rose-of-Sharon

Schefflera

Snapdragon

Statice

Tree Ivy

Verbena

Viburnum

Violet

Zinnia

Scab

Septoria leaf spot

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**CALIFORNIA REGISTERED USES:**

PHI: Preharvest Interval zero (0) days required on the following crops.

For use on:

- Acorn squash
- Cucumber
- Pear
- Spinach
- Almond
- Endive
- Pepper
- Strawberries
- Apples
- Escarole
- Pistachio
- Summer Squash
- Apricot
- Grapes
- Plum
- Tomato
- Cantaloupe
- Honeydew
- Prune
- Walnut
- Cherries
- Lettuce
- Pumpkin
- Watermelon
- Apricot
- Muskmelon
- Radicchio
- Winter squash
- Crenshaw melon
- Peach
- Rose
- Zucchini

*Diseases Controlled*

- Downy mildew (Agricultural Crops Only)
- Powdery mildew

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**CONDITIONS OF SALE – LIMITED WARRANTY**

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 or 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. The Company makes no other warranties or representations of any kind, express or implied, concerning the product, including no implied warranty of merchantability or fitness for any particular purpose, and no such warranty shall be implied by law.

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 allowed by law, 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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**ECO-MATE®** is a registered trademark of Helena Holding Company.

**ARMICARB®** is a registered trademark of Church & Dwight Company and is used under license.
**WARRANTY**

**REMEDIES**

Read the label and ensime of you use this product. If the terms of the warranty are not met, remes of the product will be refunded.

If you experience insufficient control of pests and/or injury to the crop, contact Helena Chemical Company for assistance. The company makes no warranty as to the control of pests. The product is not recommended for use on ornamental plants or turf.

If you experience failure of the product, including no implied warranty of merchantability, the company will not be responsible for the following:

- Loss of profits or income.
- Damage to crops, animals, man or the environment.
- Insufficient control of pests.
- Injury to the crop.

The company makes no warranty as to the control of pests.

The company makes no warranty as to the control of pests and is not responsible for the following:

- Loss of profits or income.
- Damage to crops, animals, man or the environment.
- Insufficient control of pests.
- Injury to the crop.

The company makes no warranty as to the control of pests.

**KEEP OUT OF REACH OF CHILDREN**

**HAZARD TO HUMANS AND DOMESTIC ANIMALS**

**CAUTION – PRECAUCIÓN**

**HAZARD TO HUMANS AND DOMESTIC ANIMALS**

**CAUTION – PRECAUCIÓN**

Harmful if swallowed. Causes moderate eye irritation. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling.

**SEE INSIDE PANEL FOR ADDITIONAL PRECAUTIONS AND DIRECTIONS FOR USE**

**HOT LINE NUMBER**

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-424-9300 for emergency medical treatment information.

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

**MANUFACTURED FOR**

**HELENA CHEMICAL COMPANY**

**225 SCHILLING BOULEVARD, SUITE 300**

**COLLIERVILLE, TENNESSEE 38017**