



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
 PRECAUTIONARY STATEMENTS
 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:	<ul style="list-style-type: none"> • 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:	<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 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

SN 0106/0907

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

PEEL BACK BOOK HERE AND RESEAL AFTER OPENING

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 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 sprayer and check the calibration frequently.

IMPORTANT: Read the entire label before using. Extension Service Specialist for additional information.

ECO-MATE® ARMICARB® "O" must be diluted with product and water.

1. Fill tank with 1/2 to 3/4 of the selected volume of water and hydraulic agitation.
2. Slowly add the required amount of **ECO-MATE®**.
3. Continue to fill the tank with water to the desired volume.

Some tank mixes may produce spray mixes that are **PESTICIDE, THE ADDITION OF SPRAY ADJUVANT TO THE FOLIAGE AND/OR FRUIT OF SUSCEPTIBLE**

Start application at first sign of disease. For best profit, shorten the interval during rapid disease development. Shorten the interval during rapid disease development.

For appropriate crops, **ECO-MATE® ARMICARB®** + inoculum.

FIELD APPLICATION: (California registered uses are) Mix at a rate of 2.5 to 5.0 pounds of **ECO-MATE®** wet stems and foliage of plants. Apply a minimum of 100 GALLONS OF WATER. Do not store unused spray solution **applied within 12 hours of preparation.**

GREENHOUSE APPLICATION: (California registered uses are) Mix at a rate of 2.5 to 5 pounds of **ECO-MATE®** stems and foliage of plants. Spray volume per unit of 10-20 gallons of water per 1/10 acre or 4350 sq. ft. of weather favorable to fungal growth. **DO NOT EXCEED 100 GALLONS OF WATER.** Do not store unused spray solution **12 hours of preparation.**

TURF APPLICATION: (California registered uses are) Mix at a rate of .92 oz. to 1.84 oz. in 2.5 gallons of water per acre. Uniform and complete coverage of the foliage of application will depend upon disease pressure. Repeat applications every 5-7 days during periods of weather favorable to fungal growth. **DO NOT EXCEED 2.5 GALLONS OF WATER PER 2.5 GALLONS OF WATER. Do not store unused spray solution 12 hours of preparation.**

ORNAMENTAL APPLICATIONS: (California registered uses are) **ECO-MATE® ARMICARB® "O"** is recommended for Residential Landscapes, Interiorscapes, Nursery, Commercial and Institutional. **tem:** Mix at a rate of 2.5 to 5 pounds of **ECO-MATE®** wet stems and foliage of plants. Apply a minimum of 100 GALLONS OF WATER. Do not store unused spray solution **12 hours of preparation.** **Greenhouse system:** Mix at a rate of 2.5 to 5 pounds of mixed spray solution per 4350 sq. ft. or 1/10 acre depending upon plant type and stage of development. Repeat application at 10-14 day intervals or as needed to control fungal growth. **DO NOT EXCEED A MIX RATE OF 5 POUNDS PER 100 GALLONS OF WATER.** Do not store unused spray solution. Dispose of unused spray solution.

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 "jar 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 PHYTOTOXICITY 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 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 in separate section.)

Mix at a rate of .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 applications 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.)

ECO-MATE® ARMICARB® "O" is recommended for use in the following use sites: Greenhouse, Lathhouse, Shadehouse, Commercial and Residential Landscapes, Interiorscapes, Nursery, Container Production and Field Applications. **If Ornaments are produced in a field system:** 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 Ornaments 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.**

AGRICULTURAL APPLICATIONS: (Califo **ECO-MATE® ARMICARB® "O"** is recom Applications.

PHI: Preharvest Interval zero (0) days re

FOR USE ON:

CROPS		DI
Alfalfa	Control	PI Ct Pe Bt Er
Almonds	Control	Gi Pc St M
Apples	Control	Nt Gi Al Pc Pi Bt El Ct M St
Apricots	Control	Al Bt Pc St M
Avocado	Control	Al St Gi
Barley	Control	Er Se
Beans (Asparagus, Dry Beans, Kidney Beans, Lima Beans, Snap Beans, Scarlet Runner)	Control	Er Ct Bt As Al Er St

s, use detergent and hot water.

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mean high water mark. Do not

drift. Only protected handlers agency responsible for pesti-

part 170. This standard cons- s, and handlers of agricultural nce. It also contains specific nt (PPE) and restricted-entry Protection Standard.

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Protection Standard for agri- ral plants on farms, forests,

Keep container tightly closed

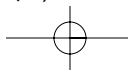
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State Agricultural Experiment Station or
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OF **ECO-MATE® ARMICARB® "O"** PER
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PER 100 GALLONS OF WATER. Do not
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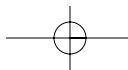
AGRICULTURAL APPLICATIONS: (California registered uses are listed in a separate section.)
ECO-MATE® ARMICARB® "O" is recommended for use in the following use sites: Greenhouse, Orchard, Nursery, and Field
Applications.

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

FOR USE ON:

CROPS		DISEASES	RATE: LBS. ARMICARB® "O" per 100 Gal. Water
Alfalfa	Control	<i>Phoma</i> (spring black stem and leaf spot) <i>Colletotrichum</i> (anthracnose) <i>Peronospora</i> (downy mildew) <i>Botrytis</i> (shoot and flower blight) <i>Erysiphe</i> (powdery mildew)	2.5-5.0
Almonds	Control	<i>Gloeosporium</i> (anthracnose, kernel rot) <i>Podosphaera</i> (powdery mildew) <i>Sphaerotheca</i> (powdery mildew) <i>Monilinia</i> (blossom brown rot)	2.5-5.0
Apples	Control	<i>Neofabraea</i> (northeastern anthracnose) <i>Glomerella</i> (spot anthracnose) <i>Alternaria</i> (leaf spot, end rot, fruit rot) <i>Podosphaera</i> (powdery mildew) <i>Phoma</i> (fruit rot) <i>Botrytis</i> (fruit rot) <i>Elsinoe</i> (spot anthracnose) <i>Colletotrichum</i> (fruit anthracnose) <i>Monilinia</i> (brown rot) <i>Schizothyrium</i> (fly speck)	2.5-5.0
Apricots	Control	<i>Alternaria</i> (blossom end rot, fruit spot) <i>Botrytis</i> (green fruit rot, gummosis) <i>Podosphaera</i> (powdery mildew) <i>Sphaerotheca</i> (powdery mildew) <i>Monilinia</i> (brown rot, blossom blight)	2.5-5.0
Avocado	Control	<i>Alternaria</i> (fruit rot) <i>Sphaceloma</i> (spot anthracnose) <i>Glomerella</i> (anthracnose)	2.5-5.0
Barley	Control	<i>Erysiphe</i> (powdery mildew) <i>Septoria</i> (leaf blight, leaf spot)	2.5-5.0
Beans (Asparagus, Dry Beans, Kidney Beans, Lima Beans, Snap Beans, Scarlet Runner)	Control	<i>Erysiphe</i> (powdery mildew) <i>Colletotrichum</i> (anthracnose) <i>Botrytis</i> (gray mold blight) <i>Ascochyta</i> (leaf and pod spot) <i>Alternaria</i> (leaf spot) <i>Erysiphe</i> and <i>Microsphaera</i> (powdery mildew) <i>Sphaceloma</i> (spot anthracnose)	2.5-5.0

CROPS	
Blueberries	Control
Brassica Crops: (Broccoli, Brussels Sprouts, Cabbage, Cauliflower, Chinese Cabbage, Kale, Kohlrabi, Mustard Greens, Radicchio, Turnip)	Control
Caneberries: (Blackberry, Gooseberry, Raspberry, Huckleberry)	Control
Carrots	Control
Cherries	Control
Citrus	Control
Cucumber	Control



ection.)
: Greenhouse, Orchard, Nursery, and Field

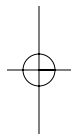
	RATE: LBS. ARMICARB® "O" per 100 Gal. Water
	2.5-5.0
	2.5-5.0
	2.5-5.0
	2.5-5.0
	2.5-5.0
	2.5-5.0
	2.5-5.0

CROPS		DISEASES	RATE: LBS. ARMICARB® "O" per 100 Gal. Water
Blueberries	Control	<i>Gloeosporium</i> (anthracnose) <i>Glomerella</i> (anthracnose, berry rot) <i>Botrytis</i> (botrytis blight, blossom, fruit, twig canker) <i>Septoria</i> (leaf spot) <i>Phoma</i> (phoma canker) <i>Alternaria</i> (canker, leaf spot, berry rot) <i>Monilinia</i> (brown rot, gummy berry) <i>Microsphaeria</i> (powdery mildew)	2.5-5.0
Brassica Crops: (Broccoli, Brussels Sprouts, Cabbage, Cauliflower, Chinese Cabbage, Kale, Kohlrabi, Mustard Greens, Radicchio, Turnip)	Control	<i>Phoma</i> (blackleg, leaf spot) <i>Botrytis</i> (gray mold blight) <i>Peronospora</i> (downy mildew) <i>Alternaria</i> (gray leaf spot, black leaf spot) <i>Erysiphe</i> (powdery mildew) <i>Colletotrichum</i> (anthracnose)	2.5-5.0
Caneberries: (Blackberry, Gooseberry, Raspberry, Huckleberry)	Control	<i>Peronospora, Plasmopara</i> (powdery mildew) <i>Gloeodes</i> (sooty blotch) <i>Septoria</i> (leaf spot) <i>Microsphaera, Sphaerotheca, Phyllactinia</i> (powdery mildew) <i>Botrytis</i> (gray mold rot, coral spot) <i>Pseudopeziza, Glomerella</i> (anthracnose, spot anthracnose) <i>Sphaceloma, Elsinoe</i> (spot anthracnose) <i>Gloeosporium</i> (gray bark, anthracnose) <i>Monilinia</i> (brown rot) <i>Alternaria</i> (fruit rot)	2.5-5.0
Carrots	Control	<i>Colletotrichum</i> (anthracnose) <i>Alternaria</i> (leaf blight, leaf spot) <i>Pseudoperonospara</i> (downy mildew) <i>Ascochyta</i> (leaf spot) <i>Septoria</i> (leaf spot) <i>Erysiphe, Sphaerotheca, Leveillula</i> (powdery mildew) <i>Botrytis</i> (fruit rot) <i>Gloeosporium</i> (spot anthracnose)	2.5-5.0
Cherries	Control	<i>Botrytis</i> (fruit rot) <i>Alternaria</i> (leaf spot, fruit rot) <i>Podosphaera</i> (powdery mildew) <i>Monilinia</i> (blossom rot, brown rot, seedling, twig, shoot leaf blight)	2.5-5.0
Citrus	Control	<i>Glomerella</i> (anthracnose) <i>Alternaria</i> (brown spot blight, fruit blight, tar spot, black rot) <i>Oidium</i> (powdery mildew) <i>Botrytis</i> (gray mold rot) <i>Elsinoe</i> (spot anthracnose) <i>Gloeosporium</i> (anthracnose, fruit rot) <i>Gloeodes</i> (sooty blotch)	2.5-5.0
Cucumber	Control	<i>Colletotrichum</i> (anthracnose) <i>Alternaria</i> (leaf blight, leaf spot) <i>Pseudoperonospara</i> (downy mildew) <i>Ascochyta</i> (leaf spot) <i>Septoria</i> (leaf spot) <i>Erysiphe, Sphaerotheca, Leveillula</i> (powdery mildew) <i>Botrytis</i> (fruit rot) <i>Gloeosporium</i> (spot anthracnose)	2.5-5.0

CROPS	
Eggplant	C
Endive, Chicory, Escarole	C
Grape	C
Herbs: Basil Oregano Rosemary Sage Thyme	C
Hops	C
Lettuce	C
Mango	C
Melons: (Cantaloupe, Crenshaw, Honeydew, Muskmelon, Watermelon)	C
Nectarine	C

	RATE: LBS. ARMICARB® "O" per 100 Gal. Water
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)	2.5-5.0
ew)	2.5-5.0
a (powdery mildew) spot anthracnose)	2.5-5.0
	2.5-5.0
ery mildew)	2.5-5.0
, twig, shoot leaf blight)	2.5-5.0
tar spot, black rot)	2.5-5.0
	2.5-5.0
ery mildew)	2.5-5.0

CROPS		DISEASES	RATE: LBS. ARMICARB® "O" per 100 Gal. Water
Eggplant	Control	<i>Colletotrichum</i> , <i>Gloeosporium</i> , <i>Glomerella</i> (anthracnose) <i>Alternaria</i> (early blight) <i>Peronospora</i> (downy mildew) <i>Botrytis</i> (gray mold rot) <i>Ascochyta</i> (leaf spot) <i>Septoria</i> (leaf spot) <i>Erysiphe</i> (powdery mildew)	2.5-5.0
Endive, Chicory, Escarole	Control	<i>Bremia</i> (downy mildew) <i>Alternaria</i> (leaf spot) <i>Erysiphe</i> (powdery mildew) <i>Botrytis</i> (gray mold rot)	2.5-5.0
Grape	Control	<i>Plasmopara</i> (downy mildew) <i>Colletotrichum</i> (fruit anthracnose) <i>Glomerella</i> (anthracnose) <i>Septoria</i> (leaf spot) <i>Uncinula</i> (powdery mildew) <i>Alternaria</i> (fruit spot) <i>Botrytis</i> (gray mold rot) <i>Phoma</i> (fruit rot) <i>Elsinoe</i> (spot anthracnose, bird's eye rot)	2.5-5.0
Herbs: Basil Oregano Rosemary Sage Thyme	Control	<i>Colletotrichum</i> (black spot) <i>Erysiphe</i> (powdery mildew) <i>Erysiphe</i> (powdery mildew) <i>Peronospora</i> (downy mildew) <i>Erysiphe</i> (powdery mildew) <i>Botrytis</i> (gray mold blight)	2.5-5.0
Hops	Control	<i>Colletotrichum</i> , <i>Glomerella</i> (anthracnose) <i>Pseudoperonospora</i> (downy mildew) <i>Septoria</i> (leaf spot) <i>Erysiphe</i> , <i>Sphaerotheca</i> (powdery mildew)	2.5-5.0
Lettuce	Control	<i>Marssonina</i> (powdery mildew) <i>Bremia</i> (downy mildew) <i>Alternaria</i> (leaf spot) <i>Septoria</i> (leaf spot) <i>Erysiphe</i> (powdery mildew) <i>Botrytis</i> (gray mold rot)	2.5-5.0
Mango	Control	<i>Glomerella</i> (anthracnose) <i>Septoria</i> (leaf spot) <i>Oidium</i> (powdery mildew) <i>Elsinoe</i> (spot anthracnose)	2.5-5.0
Melons: (Cantaloupe, Crenshaw, Honeydew, Muskmelon, Watermelon)	Control	<i>Colletotrichum</i> , <i>Marssonina</i> (anthracnose) <i>Alternaria</i> (leaf blight, black mold, leaf spot) <i>Pseudoperonospora</i> (downy mildew) <i>Septoria</i> (leaf spot) <i>Erysiphe</i> (powdery mildew)	2.5-5.0
Nectarine	Control	<i>Podospheara</i> , <i>Sphaerotheca</i> (powdery mildew) <i>Monilinia</i> (twig blight, brown rot)	2.5-5.0



CROPS		DISEASES	RATE: LBS. ARMICARB® "O" per 100 Gal. Water
Okra	Control	<i>Colletotrichum</i> (anthracnose, pod spot) <i>Ascochyta</i> <i>Alternaria</i> , <i>Erysiphe</i> (powdery mildew) <i>Botrytis</i> (pod spot)	2.5-5.0
Onions	Control	<i>Colletotrichum</i> (anthracnose) <i>Alternaria</i> (leaf blight, leaf spot) <i>Pseudoperonospora</i> (downy mildew) <i>Ascochyta</i> (leaf spot) <i>Septoria</i> (leaf spot) <i>Erysiphe</i> , <i>Sphaerotheca</i> , <i>Leveillula</i> (powdery mildew) <i>Botrytis</i> (fruit rot) <i>Gloeosporium</i> (spot anthracnose)	2.5-5.0
Peas	Control	<i>Colletotrichum</i> (leaf and pod spot, anthracnose) <i>Peronospora</i> (downy mildew) <i>Ascochyta</i> (leaf blight) <i>Alternaria</i> (leaf blight) <i>Erysiphe</i> (powdery mildew) <i>Botrytis</i> (gray mold rot)	2.5-5.0
Peaches	Control	<i>Podosphaera</i> , <i>Sphaerotheca</i> (powdery mildew) <i>Botrytis</i> (gray mold) <i>Monilinia</i> (blossom and twig blight, brown rot) <i>Glomerella</i> (anthracnose rot)	2.5-5.0
Pears	Control	<i>Neofabraea</i> (northwestern anthracnose) <i>Elsinoe</i> (spot anthracnose) <i>Phoma</i> (fruit rot) <i>Podosphaera</i> (powdery mildew) <i>Botrytis</i> (blossom and twig blight) <i>Alternaria</i> (fruit rot) <i>Gloeodes</i> (sooty blotch) <i>Monilinia</i> (brown rot, blossom rot) <i>Glomerella</i> (anthracnose)	2.5-5.0
Pecans	Control	<i>Glomerella</i> (anthracnose) <i>Septoria</i> (leaf spot) <i>Microsphaera</i> (powdery mildew) <i>Elsinoe</i> (spot anthracnose)	2.5-5.0
Peppers	Control	<i>Gloeosporium</i> , <i>Glomerella</i> , <i>Colletotrichum</i> (spot and fruit anthracnose, fruit rot, ripe rot) <i>Peronospora</i> (downy mildew) <i>Ascochyta</i> (leaf spot) <i>Leveillula</i> (powdery mildew) <i>Alternaria</i> (black rot, early blight) <i>Phoma</i> (fruit rot) <i>Botrytis</i> (gray mold rot)	2.5-5.0
Pistachio	Control	<i>Botrytis</i> (shoot blight) <i>Septoria</i> (leaf spot)	2.5-5.0
Plums, Prunes	Control	<i>Botrytis</i> (blossom and twig blight, fruit rot) <i>Alternaria</i> (fruit rot) <i>Monilinia</i> (blossom blight, twig blight, brown rot) <i>Septoria</i> (leaf spot, shot hole) <i>Podosphaera</i> (powdery mildew)	2.5-5.0

CROPS		DISEASES
Potatoes	Control	<i>Gloeosporium</i> <i>Colletotrichum</i> <i>Alternaria</i> (e) <i>Ascochyta</i> (l) <i>Erysiphe</i> , <i>Oic</i> <i>Botrytis</i> (gray)
Spinach	Control	<i>Colletotrichum</i> <i>Peronospora</i> <i>Alternaria</i> (le)
Squash: (Acorn, Pumpkin, Summer, Winter, Zucchini)	Control	<i>Colletotrichum</i> <i>Gloeosporium</i> <i>Alternaria</i> (fru <i>Pseudoperon</i> <i>Ascochyta</i> , <i>S</i> <i>Erysiphe</i> , <i>Sp</i> <i>Phoma</i> (fruit <i>Botrytis</i> (gray)
Strawberry	Control	<i>Colletotrichum</i> <i>Gloeosporium</i> <i>Botrytis</i> (gray) <i>Sphaerothec</i> <i>Peronospora</i>
Sweet Potato	Control	<i>Alternaria</i> , <i>S</i> <i>Botrytis</i> (gray)
Tomatoes	Control	<i>Glomerella</i> , (<i>Alternaria</i> (e) <i>Botrytis</i> (gray) <i>Peronospora</i> <i>Phoma</i> (fruit <i>Ascochyta</i> , <i>S</i> <i>Erysiphe</i> , <i>Le</i>
Walnut	Control	<i>Gnomonia</i> (a <i>Ascochyta</i> (r <i>Alternaria</i> (n <i>Phyllactinia</i> ,
Wheat	Control	<i>Alternaria</i> (bl <i>Septoria</i> (lea <i>Ascochyta</i> (l <i>Colletotrichum</i> <i>Erysiphe</i> (po <i>Sclerophthora</i>

RATE: LBS. ARMICARB® "O" per 100 Gal. Water	CROPS		DISEASES	RATE: LBS. ARMICARB® "O" per 100 Gal. Water
2.5-5.0	Potatoes	Control	<i>Gloeosporium</i> (anthracnose) <i>Colletotrichum</i> (black dot disease) <i>Alternaria</i> (early blight) <i>Ascochyta</i> (leaf spot) <i>Erysiphe</i> , <i>Oidium</i> (powdery mildew) <i>Botrytis</i> (gray mold rot, shoot blight)	2.5-5.0
2.5-5.0	Spinach	Control	<i>Colletotrichum</i> (anthracnose) <i>Peronospora</i> (downy mildew) <i>Alternaria</i> (leaf spot)	2.5-5.0
2.5-5.0	Squash: (Acorn, Pumpkin, Summer, Winter, Zucchini)	Control	<i>Colletotrichum</i> (anthracnose) <i>Gloeosporium</i> (spot anthracnose) <i>Alternaria</i> (fruit rot, leaf blight) <i>Pseudoperonospora</i> (downy mildew) <i>Ascochyta</i> , <i>Septoria</i> (leaf spot) <i>Erysiphe</i> , <i>Sphaerotheca</i> (powdery mildew) <i>Phoma</i> (fruit rot, stem rot, leaf spot) <i>Botrytis</i> (gray mold, fruit rot)	2.5-5.0
2.5-5.0	Strawberry	Control	<i>Colletotrichum</i> (anthracnose, fruit anthracnose) <i>Gloeosporium</i> (anthracnose, spot anthracnose) <i>Botrytis</i> (gray mold blight) <i>Sphaerotheca</i> (powdery mildew) <i>Peronospora</i> (downy mildew)	2.5-5.0
2.5-5.0	Sweet Potato	Control	<i>Alternaria</i> , <i>Septoria</i> (leaf spot) <i>Botrytis</i> (gray mold rot)	2.5-5.0
2.5-5.0	Tomatoes	Control	<i>Glomerella</i> , <i>Colletotrichum</i> (anthracnose, black dot disease) <i>Alternaria</i> (early blight, black mold, fruit rot, nailhead spot rot) <i>Botrytis</i> (gray mold rot, ghost spot) <i>Peronospora</i> (downy mildew) <i>Phoma</i> (fruit rot) <i>Ascochyta</i> , <i>Septoria</i> (leaf spot) <i>Erysiphe</i> , <i>Leveillula</i> , <i>Oidiopsis</i> , <i>Oidium</i> (powdery mildew)	2.5-5.0
2.5-5.0	Walnut	Control	<i>Gnomonia</i> (anthracnose) <i>Ascochyta</i> (ring spot) <i>Alternaria</i> (nut mold) <i>Phyllactinia</i> , <i>Microsphaera</i> , <i>Erysiphe</i> (powdery mildew)	2.5-5.0
2.5-5.0	Wheat	Control	<i>Alternaria</i> (black head mold, black point) <i>Septoria</i> (leaf and glume blotch) <i>Ascochyta</i> (leaf spot) <i>Colletotrichum</i> (anthracnose) <i>Erysiphe</i> (powdery mildew) <i>Sclerophthora</i> (downy mildew)	2.5-5.0
2.5-5.0				
2.5-5.0				

TURF APPLICATION: (California registered use)
ECO-MATE® ARMICARB® "O" is recommended for other commercial turf grass sites.

PHI: Preharvest Interval zero (0) days required for use on:

Bentgrass	Bluegrass, K
Bermudagrass	Centipedegrass

DISEASES CONTROLLED

Alternaria leaf spot	Ascochyta bl
Anthracnose	Downy milde

ORNAMENTAL APPLICATIONS: (California registered use)
PHI: Preharvest Interval zero (0) days required for use on:

PLANT TYPES

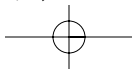
Annual and perennial flowers
Woody and ornamental shade trees

FOR USE ON:

Ageratum	Crape Myrtle
Ajuga	Crassula
Almond-Ornamental	Croton
Alyssum	Delphinium
Andromeda	Dianthus
Aphelandra	Dizygotheca
Apple-Ornamental	Dogwood
Apricot-Ornamental	English Ivy
Artemisia	Episcia
Aster	Euonymus
Azalea	Fern
Boxwood	Forsythia
Calendula	Gazania
Carnation	Geranium
Centaurea montana	Gladiolus
Cherry-Ornamental	Gloxinia
Chrysanthemum	Gypsophila
Cineraria	Hawthorn
Citrus	Heliopsis sca
Coleus	Hibiscus
Columbine	Holly
Coral Bells	Hoya
(Heuchera)	Hydrangea

DISEASES CONTROLLED

Alternaria blight	Corynespora
Anthracnose	Didymellina l
Ascochyta blight	Diplodia tip t
Black Spot	Entomospori
Botrytis blight	Fusarium
Botrytis gray mold	Helminthosp



RATE: LBS. ARMICARB® "O" per 100 Gal. Water
2.5-5.0
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TURF APPLICATION: (California registered uses are listed in a separate section.)
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 Bluegrass, Kentucky, annual Fescue, fine, tall, chewings, red St. Augustinegrass
 Bermudagrass Centipedegrass Ryegrass, perennial, annual Zoysiagrass

DISEASES CONTROLLED
 Alternaria leaf spot Ascochyta blight Helminthosporium leaf spot Septoria leaf spot
 Anthracnose Downy mildew Powdery mildew

ORNAMENTAL APPLICATIONS: (California registered uses are listed in a separate section.)
PHI: Preharvest Interval zero (0) days required for the following plant types.

PLANT TYPES
 Annual and perennial flowers Woody and herbaceous ornamentals
 Woody and ornamental shade trees Ornamental nut and fruit trees

FOR USE ON:
 Ageratum Crape Myrtle Impatiens Plum-Ornamental
 Ajuga Crassula Iris Poinsettia
 Almond-Ornamental Croton Juniper Poppy
 Alyssum Delphinium Kalanchoe Pothos
 Andromeda Dianthus Lavender Primrose
 Aphelandra Dizygotheca Lemon balm Privet
 Apple-Ornamental Dogwood Lipstick balm Protea
 Apricot-Ornamental English Ivy Lipstick Vine Prune-Ornamental
 Artemisia Episcia (Aeschynanthus) Pulmonaria
 Aster Euonymus Marigold Pyracantha
 Azalea Fern Monarda (Bee Balm) Rhododendron
 Boxwood Forsythia Nectarine-Ornamental Rose
 Calendula Gazania Pachysandra Rose-of-Sharon
 Carnation Geranium Palm Schefflera
 Centaurea montana Gladiolus Pansy Snapdragon
 Cherry-Ornamental Gloxinia Peach-Ornamental Statice
 Chrysanthemum Gypsophilla Peperomia Tree Ivy
 Cineraria Hawthorn Periwinkle Verbena
 Citrus Heliopsis scabra Philodendron Viburnum
 Coleus Hibiscus Phlox Violet
 Columbine Holly Pilea Zinnia
 Coral Bells Hoya Pine
 (Heuchera) Hydrangea Pittosporum

DISEASES CONTROLLED
 Alternaria blight Corynespora leaf spot Ink spot Scab
 Anthracnose Didymellina leaf spot Oculinia sp. Septoria leaf spot
 Ascochyta blight Diplodia tip blight Phomopsis blight
 Black Spot Entomosporium leaf spot Powdery mildew
 Botrytis blight Fusarium Ramularia leaf spot
 Botrytis gray mold Helminthosporium leaf spot Ray blight

CALIFORNIA REGISTERED USES:
PHI: Preharvest Interval zero (0) days
 For use on:

Acorn squash	Cucur
Almond *	Endive
Apples*	Escar
Apricot *	Grape
Cantaloupe	Honey
Cherries *	Lettuc
Chicory	Muskn
Crenshaw melon	Peach

*Ornamental and fruiting varieties
DISEASES CONTROLLED
 Downy mildew (Agricultural Crops Ont)
 Powdery mildew

CONI AND LI
Read the Conditions of Sale - Warr are not acceptable, return the prod

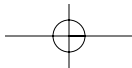
The directions on this label are believed to follow the label directions or good app ("Company") or seller. In addition, failure of the product to control a pest on any particular crop to which the product is applied may constitute a breach of the warranty of the Company warrants that this product conforms to the directions for use subject to the other warranties or representations of the Company as to the efficacy of the product.

The exclusive remedy against the Company for the use of this product is the election of the Company at Helena Chemical Company's election.

1. Refund of the purchase price paid by the customer.
2. Replacement of the product used.

To the extent allowed by law, the Company and the seller offer this product on an "as is" basis, without warranty, incidental, or consequential damages.

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ipot Septoria leaf spot

l.)

ornamentals
t trees

Plum-Ornamental
Poinsettia
Poppy
Pothos
Primrose
Privet
Protea
Prune-Ornamental
Pulmonaria
Pyracantha
Rhododendron
Rose
Rose-of-Sharon
Schefflera
Snapdragon
Statice
Tree Ivy
Verbena
Viburnum
Violet
Zinnia

Scab
Septoria leaf spot

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
Chicory	Muskmelon	Radicchio	Winter squash
Crenshaw melon	Peach *	Rose	Zucchini

*Ornamental and fruiting varieties

DISEASES CONTROLLED

Downy mildew (Agricultural Crops Only)
Powdery mildew

**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 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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OTHER INGREDIENTS . . .
TOTAL

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If in eyes:	<ul style="list-style-type: none"> • Hold • Remo • Call e

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