

10772-4

2-7-2001

1/29

Master Label
ARMICARB®100

A FUNGICIDE FOR THE CONTROL OF POWDERY MILDEW
AND OTHER DISEASES ON TERRESTRIAL AND INDOOR ORNAMENTAL PLANTS,
GREENHOUSE AND AGRICULTURAL CROPS, AND TURF

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

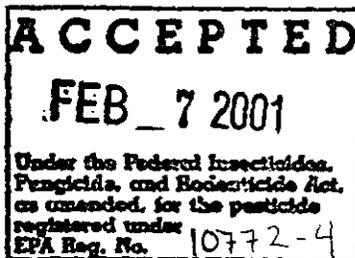
A: SUBLABEL - COMMERCIAL PRODUCTS: FOR COMMERCIAL APPLICATORS
SUBJECT TO WORKER PROTECTION STANDARD

B: SUBLABEL - COMMERCIAL PRODUCTS: FOR COMMERCIAL APPLICATORS
SUBJECT TO WORKER PROTECTION STANDARD - WATER
SOLUBLE PACKAGING LABEL

C: SUBLABEL - HOUSEHOLD PRODUCTS: FOR NON-COMMERCIAL
APPLICATORS (NOT SUBJECT TO WORKER PROTECTION
STANDARD)

CHURCH & DWIGHT CO. INC.
469 N. HARRISON STREET
PRINCETON, NJ 08543

EPA REG. NO. 10772-4



2/29

SUBLABEL - COMMERCIAL PRODUCTS: FOR COMMERCIAL APPLICATORS
SUBJECT TO WORKER PROTECTION STANDARD

ARMICARB®100

A FUNGICIDE FOR THE CONTROL OF POWDERY MILDEW
AND OTHER DISEASES ON TERRESTRIAL AND INDOOR ORNAMENTAL PLANTS,
GREENHOUSE AND AGRICULTURAL 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..... <u>15.00%</u>	
TOTAL.....	100.00%

KEEP OUT OF REACH OF CHILDREN

CAUTION

See side (or back) panel for the First Aid Information.

- Net weight: 2.5 lbs. (1.14 kg)
- 5 lbs. (2.27 kg)
- 10 lbs. (4.54 kg)
- 25 lbs. (11.35 kg)
- 50 lbs. (22.7 kg)
- 100 lbs. (45.4 kg)

CHURCH & DWIGHT CO., INC.
469 N. HARRISON STREET
PRINCETON, NJ 08543

EPA REG. NO. 10772-4
EPA EST. NO.

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**PRECAUTIONARY STATEMENTS
HAZARD TO HUMANS AND DOMESTIC ANIMALS**

CAUTION

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

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 1-800-228-5635 Ext. 007 for emergency medical treatment information.	

PERSONAL PROTECTIVE EQUIPMENT

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

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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.

UNIDENTIFIED INFORMATION

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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.

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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

ARMICARB® 100 is a broad spectrum, contact foliar fungicide that controls a variety of diseases on terrestrial and indoor woody and herbaceous ornamental plants, and on greenhouse, nursery and agricultural crops, and on turf.

ARMICARB® 100 is applied using a sufficient volume of water to insure complete coverage of all stems and foliage.

IMPORTANT: Read the entire label before using ARMICARB® 100. 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

ARMICARB® 100 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 ARMICARB® 100. Start mechanical or hydraulic agitation.
2. Slowly add the required amount of ARMICARB® 100 to the tank.
3. Continue to fill the tank with water to the desired volume while agitating to promote uniform distribution and prevent settling.

Other pesticide products and spray adjuvants are generally not required. 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.

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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.

FIELD APPLICATION

Apply at a rate of 2.5 to 5 pounds of ARMICARB® 100 per acre. Use a sufficient volume of spray solution to obtain complete coverage of foliage and stems. Uniform and complete coverage of the foliage is essential for the most effective results. Spray volume per acre of treatment can vary depending upon plant type and stage of development. Average treatment requires 100 gallons of water per acre. Concentration of spray solution and frequency of application will depend upon disease pressure. Do not exceed a use rate of 5 pounds of ARMICARB® 100 per acre, per application. Do not store unused spray solution. Dispose of unused solution on site.

GREENHOUSE APPLICATION

Apply at a rate of 0.25 to 0.5 pound per 4350 sq. ft. or 1/10 acre. Use a sufficient volume of spray solution to obtain complete coverage of foliage and stems. Uniform and complete coverage of the foliage is essential for the most effective results. Spray volume per unit of treated area can vary depending upon plant type and stage of development. Average treatment requires 10-20 gallons of water per 1/10 acre. Concentration of spray solution and frequency of application will depend upon disease pressure. Do not exceed a use rate of 0.5 pound of ARMICARB® 100 per 4350 sq. ft. (1/10 acre), per application. Do not store unused spray solution. Dispose of unused solution on site.

TURF APPLICATION

Apply at a rate of 2.5 to 5 pounds of ARMICARB® 100 per acre. Use a sufficient volume of spray solution to obtain complete coverage of foliage. Uniform and complete coverage of the foliage is essential for the most effective results. Spray volume per acre of treatment can vary depending upon stage of development. Average treatment requires 100 gallons of water per acre. Concentration of spray solution and frequency of application will depend upon disease pressure. Do not exceed a use rate of 5 pounds of ARMICARB® 100 per acre, per application. Do not store unused spray solution. Dispose of unused solution on site.

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, ARMICARB® 100 may also be applied post-harvest to remaining foliage to decrease overwintering inoculum.

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ORNAMENTAL APPLICATIONS:(California registered uses are listed in a separate section.)
 ARMICARB® 100 is recommended for use in the following use sites: Greenhouse, Lathhouse,
 Shadehouse, Commercial and Residential Landscapes, Interiorscapes, Nursery, Container
 Production and Field Applications.

PLANT TYPES

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

FOR USE ON:

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

DISEASES CONTROLLED

- | | |
|-----------------------|----------------------------|
| Alternaria blight | Fusarium |
| Anthraxnose | Helminthosporium leaf spot |
| Ascochyta blight | Ink spot |
| Black Spot | Phomopsis blight |
| Botrytis blight | Powdery mildew |
| Botrytis gray mold | Ovulinia sp. |
| Cercospora leaf spot | Ramularia leaf spot |
| Corynespora leaf spot | Ray blight |

Didymellina leaf spot Scab
 Diplodia tip blight Septoria leaf spot
 Entomosporium leaf spot

AGRICULTURAL APPLICATIONS: (California registered uses are listed in a separate section.)
 ARMICARB® 100 is recommended for use in the following use sites: Greenhouse, Orchard, Nursery, and Field Applications.

FOR USE ON:

Acorn squash	Citrus	Mustard greens	Sage
Almonds	Crenshaw melon	Okra	Snap beans
Apples	Cucumber	Oregano	Snow peas
Apricots	Dry beans	Peaches	Soybeans
Alfalfa	Eggplant	Pears	Spinach
Avocado	Endive	Peas	Strawberries
Barley	Escarole	Pecans	Sugar beets
Basil	Grapes	Peppers	Summer squash
Blueberries	Honeydew	Pistachio	Sweet potatoes
Broccoli	Hops	Plums	Thyme
Cabbage	Kale	Potatoes	Tomatoes
Caneberries	Lettuce	Prunes	Turnip
Cantaloupe	Lima bean	Pumpkin	Walnut
Cauliflower	Mango	Radicchio	Watermelon
Cherries	Muskmelon	Rosemary	Wheat
Chicory			Winter squash
			Zucchini

DISEASES CONTROLLED:

Alternaria leaf spot	Phoma
Anthraxnose	Phytophthora
Botrytis	Powdery mildew
Downy mildew	
Fusarium	

TURF APPLICATION (California registered uses are listed in a separate section.)
 ARMICARB® 100 is recommended for use in the following use sites: Commercial and residential lawns, golf course, and other commercial turf grass sites.

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FOR USE ON:

- Bentgrass
- Bermudagrass
- Bluegrass, Kentucky, annual
- Centipedegrass
- Fescue, fine, tall, chewings, red
- Ryegrass, perennial, annual
- St. Augustinegrass
- Zoysiagrass

DISEASES CONTROLLED

- | | |
|----------------------|----------------------------|
| Alternaria leaf spot | Downy mildew |
| Anthracnose | Helminthosporium leaf spot |
| Ascochyta blight | Powdery mildew |
| Cercospora leaf spot | Septoria leaf spot |

CALIFORNIA REGISTERED USES:

Powdery mildew on the following crops:

- Acorn squash
- Apples
- Cucumber
- Grapes
- Pumpkin
- Rose
- Strawberries
- Summer Squash
- Zucchini

NOTICE

Buyer assumes all responsibility for safety if use is not in accordance with label instructions.

IMPORTANT NOTICE: DISCLAIMER AND LIMITATION OF LIABILITY

This product has been researched to provide necessary data to support its use on the ornamental and agricultural plants listed on the label. However, it is understood that tests may not have been carried out on all varieties or cultivars and under all growing conditions on all plants listed on the label. The user should always follow the label directions and exercise care when using this product on a given variety until familiar with the results under his growing conditions.

C&D PHARMICARB 100 REV. 1-24-01

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NO WARRANTY OR REPRESENTATION IS MADE, EXPRESS OR IMPLIED, CONCERNING THE RESULTS OBTAINED FROM THE USE OF THIS PRODUCT IF NOT USED IN ACCORDANCE WITH DIRECTIONS OR ESTABLISHED SAFE PRACTICE. The exclusive remedy of the user or Buyer, and the limit of liability of Church & Dwight Co., Inc. or any other Seller, for any and all losses, injuries or damages resulting from the use or handling of this product shall be the purchase price paid by the user or Buyer for the quantity of this product involved. The Buyer and all users are deemed to have accepted the terms of this Notice, which may be varied only by agreement in writing, signed by a duly authorized representative of Church & Dwight Co., Inc.

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SUBLABEL - COMMERCIAL PRODUCTS: FOR COMMERCIAL APPLICATORS
SUBJECT TO WORKER PROTECTION STANDARD - WATER
SOLUBLE PACKAGING LABEL

ARMICARB® 100 WATER
SOLUBLE PACKAGE

A FUNGICIDE FOR THE CONTROL OF POWDERY MILDEW
AND OTHER DISEASES ON TERRESTRIAL AND INDOOR
ORNAMENTAL PLANTS, GREENHOUSE AND AGRICULTURAL CROPS, AND TURF

This package can treat up to _____ sq. ft. (acres) 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

See side (or back) panel for the First Aid Information.

Net weight: 1.0 oz (28.35g)
 --4.0 oz (113.4g)
 ---8.0 oz (227 g)
 2.5 lbs. (1.14 kg)

CHURCH & DWIGHT CO., INC.
469 N. HARRISON STREET
PRINCETON, NJ 08543

EPA REG. NO. 10772-4
EPA EST. NO.

**PRECAUTIONARY STATEMENTS
HAZARD TO HUMANS AND DOMESTIC ANIMALS**

CAUTION

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

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 1-800-228-5635 Ext. 007 for emergency medical treatment information.	

PERSONAL PROTECTIVE EQUIPMENT

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

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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: Place inner bag into mixing tank. Dispose of empty outer 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

ARMICARB® 100 is a broad spectrum, contact foliar fungicide that controls a variety of diseases on terrestrial and indoor woody and herbaceous ornamental plants, and on greenhouse, nursery and agricultural crops, and on turf.

ARMICARB® 100 is applied using a sufficient volume of water to insure complete coverage of all stems and foliage.

IMPORTANT: Read the entire label before using ARMICARB® 100. 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

ARMICARB® 100 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 ARMICARB® 100. Start mechanical or hydraulic agitation.
2. Add the required number of packages of ARMICARB® 100 to the tank.
3. Continue to fill the tank with water to the desired volume while agitating to promote uniform distribution and prevent settling.

Other pesticide products and spray adjuvants are generally not required. 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.

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.

C&D/ARMICARB 100 REV 1/10/11

FIELD, INDOOR, GREENHOUSE AND TURF APPLICATION

(1 oz. package)

Apply at a rate of one to two packages of ARMICARB® 100 for 1000 sq. ft. . For maximum treatment rate, use one package of ARMICARB®100 for 500 sq. ft. . Use sufficient volume of spray solution to obtain complete coverage of foliage and stems. Uniform and complete coverage of the foliage is essential for the most effective results. Spray volume per unit of treated area can vary depending upon plant type and stage of development. Average treatment requires 2.5 gallons of water per 1000 sq. ft. Do not exceed a use rate of 1 oz. (1 package) of ARMICARB® 100 per 500 sq. ft., per application. Concentration of spray solution and frequency of application will depend upon disease pressure.

Do not store unused spray solution. Dispose of unused solution on site.

(4 oz. package)

Apply at a rate of one to two packages of ARMICARB® 100 for 4350 sq. ft. (1/10 acre). For maximum treatment rate, use one package of ARMICARB®100 for 2175 sq. ft. (1/20 acre). Use sufficient volume of spray solution to obtain complete coverage of foliage and stems. Uniform and complete coverage of the foliage is essential for the most effective results. Spray volume per unit of treated area can vary depending upon plant type and stage of development. Average treatment requires 10 gallons of water per 4350 sq. ft. Do not exceed a use rate of 4oz. of ARMICARB® 100 per 2175 sq. ft., per application. Concentration of spray solution and frequency of application will depend upon disease pressure.

Do not store unused spray solution. Dispose of unused solution on site.

(8 oz. package)

Apply at a rate of one to two packages of ARMICARB® 100 for 8700 sq. ft. (2/10 acre). For maximum treatment rate, use one package of ARMICARB®100 for 4350 sq. ft. (1/10 acre). Use sufficient volume of spray solution to obtain complete coverage of foliage and stems. Uniform and complete coverage of the foliage is essential for the most effective results. Spray volume per unit of treated area can vary depending upon plant type and stage of development. Average treatment requires 20 gallons of water per 8700 sq. ft. Do not exceed a use rate of 8 oz. of ARMICARB® 100 per 4350 sq. ft., per application. Concentration of spray solution and frequency of application will depend upon disease pressure.

Do not store unused spray solution. Dispose of unused solution on site.

(2.5 lb. package)

Apply at a rate of one to two packages of ARMICARB®100 per one acre. For maximum treatment rate use two packages of ARMICARB®100 per one acre (43,560 sq. ft.). Use sufficient volume of spray solution to obtain complete coverage of foliage and stems. Uniform and complete coverage of the foliage is essential for the most effective results. Spray volume per acre of treatment can vary depending upon plant type and stage of development. Average treatment requires 100 gallons of water per 43,560 sq. ft. Do not exceed a use rate of 5 pounds of ARMICARB® 100 per acre, per application. Concentration of spray solution and frequency of application will depend upon disease pressure.

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Do not store unused spray solution. Dispose of unused solution on site.

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, ARMICARB® 100 may also be applied post-harvest to remaining foliage to decrease overwintering inoculum.

ORNAMENTAL APPLICATIONS:(California registered uses are listed in a separate section.)
 ARMICARB® 100 is recommended for use in the following use sites: Greenhouse, Lathhouse, Shadehouse, Commercial and Residential Landscapes, Interiorscapes, Nursery, Container Production and Field Applications.

PLANT TYPES

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

FOR USE ON:

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

DISEASES CONTROLLED

Alternaria blight	Fusarium
Anthraxnose	Helminthosporium leaf spot
Ascochyta blight	Ink spot
Black Spot	Phomopsis blight
Botrytis blight	Powdery mildew
Botrytis gray mold	Ovulinia sp.
Cercospora leaf spot	Ramularia leaf spot

Corynespora leaf spot	Ray blight
Didymellina leaf spot	Scab
Diplodia tip blight	Septoria leaf spot
Entomosporium leaf spot	

AGRICULTURAL APPLICATIONS:(California registered uses are listed in a separate section.)
 ARMICARB® 100 is recommended for use in the following use sites: Greenhouse, Orchard, Nursery, and Field Applications.

FOR USE ON:

Acorn squash	Citrus	Mustard greens	Sage
Almonds	Crenshaw melon	Okra	Snap beans
Apples	Cucumber	Oregano	Snow peas
Apricots	Dry beans	Peaches	Soybeans
Alfalfa	Eggplant	Pears	Spinach
Avocado	Endive	Peas	Strawberries
Barley	Escarole	Pecans	Sugar beets
Basil	Grapes	Peppers	Summer squash
Blueberries	Honeydew	Pistachio	Sweet potatoes
Broccoli	Hops	Plums	Thyme
Cabbage	Kale	Potatoes	Tomatoes
Caneberries	Lettuce	Prunes	Turnip
Cantaloupe	Lima bean	Pumpkin	Walnut
Cauliflower	Mango	Radicchio	Watermelon
Cherries	Muskmelon	Rosemary	Wheat
Chicory			Winter squash
			Zucchini

DISEASES CONTROLLED:

Alternaria leaf spot	Phoma
Anthracoese	Phytophthora
Botrytis	Powdery mildew
Downy mildew	
Fusarium	

TURF APPLICATION (California registered uses are listed in a separate section.)
 ARMICARB® 100 is recommended for use in the following use sites: Commercial and residential lawns, golf course, and other commercial turf grass sites.

FOR USE ON:

Bentgrass
Bermudagrass
Bluegrass, Kentucky, annual
Centipedegrass
Fescue, fine, tall, chewings, red
Ryegrass, perennial, annual
St. Augustinegrass
Zoysiagrass

DISEASES CONTROLLED

Alternaria leaf spot	Downy mildew
Anthracnose	Helminthosporium leaf spot
Ascochyta blight	Powdery mildew
Cercospora leaf spot	Septoria leaf spot

CALIFORNIA REGISTERED USES:

Powdery mildew on the following crops:

Acorn squash
Apples
Cucumber
Grapes
Pumpkin
Rose
Strawberries
Summer Squash
Zucchini

NOTICE

Buyer assumes all responsibility for safety if use is not in accordance with label instructions.

IMPORTANT NOTICE: DISCLAIMER AND LIMITATION OF LIABILITY

This product has been researched to provide necessary data to support its use on the ornamental and agricultural plants listed on the label. However, it is understood that tests may not have been carried out on all varieties or cultivars and under all growing conditions on all plants listed on the label. The user should always follow the label directions and exercise care when using this product on a given variety until familiar with the results under his growing conditions.

NO WARRANTY OR REPRESENTATION IS MADE, EXPRESS OR IMPLIED, CONCERNING THE RESULTS OBTAINED FROM THE USE OF THIS PRODUCT IF NOT USED IN ACCORDANCE WITH DIRECTIONS OR ESTABLISHED SAFE PRACTICE. The exclusive remedy of the user or Buyer, and the limit of liability of Church & Dwight Co., Inc. or any other Seller, for any and all losses, injuries or damages resulting from the use or handling of this product shall be the purchase price paid by the user or Buyer for the quantity of this product involved. The Buyer and all users are deemed to have accepted the terms of this Notice, which may be varied only by agreement in writing, signed by a duly authorized representative of Church & Dwight Co., Inc.

SUBLABEL - HOUSEHOLD PRODUCTS: FOR NON-COMMERCIAL APPLICATORS
(NOT SUBJECT TO WORKER PROTECTION STANDARD)
ARMICARB®100

A FUNGICIDE FOR THE CONTROL OF POWDERY MILDEW
AND OTHER DISEASES ON TERRESTRIAL AND INDOOR ORNAMENTAL PLANTS,
GREENHOUSE AND GARDEN CROPS AND TURF

ACTIVE INGREDIENT:

Potassium Bicarbonate.....85.00%

OTHER INGREDIENTS:.....15.00%

TOTAL.....100.00%

KEEP OUT OF REACH OF CHILDREN

CAUTION

See side (or back) panel for the First Aid Information.

Net Weight: 6 oz. (170 g)
8 oz. (227 g)
1 lb. (454 g)
2.5 lbs. (1.14 kg)

CHURCH & DWIGHT CO., INC.
469 N. HARRISON STREET
PRINCETON, NJ 08543

EPA REG. NO. 10772-4
EPA EST. NO.

**PRECAUTIONARY STATEMENTS
HAZARD TO HUMANS AND DOMESTIC ANIMALS**

CAUTION

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

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 1-800-228-5635 Ext. 007 for emergency medical treatment information.	

ENVIRONMENTAL HAZARDS

Do not apply directly to water. Do not contaminate water when cleaning equipment or disposing of equipment washwaters or rinsate.

DIRECTIONS FOR USE

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

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.

CONTAINER DISPOSAL: Securely wrap original container in several layers of newspaper and discard in trash.

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GENERAL INFORMATION

ARMICARB®100 is a broad spectrum, contact foliar fungicide that controls a variety of diseases on terrestrial and indoor woody and herbaceous ornamental, greenhouse and garden plants, and turf.

ARMICARB®100 is applied with spray equipment using a sufficient volume of water to insure complete coverage of all stems and foliage.

IMPORTANT: Read the entire label before using ARMICARB®100.

MIXING and APPLICATION INSTRUCTIONS

ARMICARB®100 must be diluted with water before applying. Carefully measure and mix the product and water.

Mix 2 level tablespoons of ARMICARB®100 per gallon of water. Do not exceed this use rate. Mix the solution thoroughly before use. One gallon of this solution is sufficient to treat approximately 450 square feet. Apply the solution to all exposed surfaces of the plant. Use a sufficient spray volume to obtain complete coverage of all foliage and stems. Uniform and complete coverage is essential for the most effective results.

DO NOT STORE UNUSED SPRAY SOLUTIONS.

Spray adjuvants are generally not required. Some tank mixes, with other pesticide products and fertilizers 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, ARMICARB® 100 may also be applied post-harvest to remaining foliage to decrease overwintering inoculum.

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

PLANT TYPES

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

FOR USE ON:

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

DISEASES CONTROLLED

- | | |
|-------------------------|----------------------------|
| Alternaria blight | Fusarium |
| Anthraxnose | Helminthosporium leaf spot |
| Ascochyta blight | Ink spot |
| Black Spot | Phomopsis blight |
| Botrytis blight | Powdery mildew |
| Botrytis gray mold | Ovulinia sp. |
| Cercospora leaf spot | Ramularia leaf spot |
| Corynespora leaf spot | Ray blight |
| Didymellina leaf spot | Scab |
| Diplodia tip blight | Septoria leaf spot |
| Entomosporium leaf spot | |

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

FOR USE ON:

Acorn squash	Citrus	Mustard greens	Sage
Almonds	Crenshaw melon	Okra	Snap beans
Apples	Cucumber	Oregano	Snow peas
Apricots	Dry beans	Peaches	Spinach
Avocado	Eggplant	Pears	Strawberries
Basil	Endive	Peas	Summer squash
Blueberries	Escarole	Pecans	Sweet potatoes
Broccoli	Grapes	Peppers	Thyme
Cabbage	Honeydew	Pistachio	Tomatoes
Caneberries	Kale	Plums	Tumip
Cantaloupe	Lettuce	Potatoes	Walnut
Cauliflower	Lima bean	Prunes	Watermelon
Cherries	Mango	Pumpkin	Winter squash
Chicory	Muskmelon	Radicchio	Zucchini
		Rosemary	

DISEASES CONTROLLED:

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Anthraxnose	Phytophthora
Botrytis	Powdery mildew
Downy mildew	
Fusarium	

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

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FOR USE ON:

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- Blue grass, Kentucky, annual
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- St. Augustinegrass
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Cercospora leaf spot	Septoria leaf spot

CALIFORNIA REGISTERED USES:

Powdery mildew on the following crops:

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- Apples
- Cucumber
- Grapes
- Pumpkin
- Rose
- Strawberries
- Summer Squash
- Zucchini

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