ARECA™
Fungicide

ACTIVE INGREDIENT:  
Aluminium tria (0-silyl phosphonate) 30.0%
OTHER INGREDIENTS: 20.0%
TOTAL: 100.0%

EPA Reg. No. 53883-320-59807
EPA Est. No. 37426-6A-001 (OHP)

KEEP OUT OF REACH OF CHILDREN
CAUTION

FIRST AID

IF IN EYES:
• Hold eye open and rinse slowly and gently with water for 15-30 minutes.
• Remove contact lenses, if present, after first 5 minutes; then continue rinsing eye.
• Call a poison control center or doctor for treatment advice.

IF ON SKIN OR CLOTHING:
• Take off contaminated clothing.
• Rinse skin immediately with plenty of water for 15-20 minutes.
• Call a poison control center or doctor for treatment advice.

IF SWALLOWED:
• Call a poison control center or doctor immediately for treatment advice.
• Have person sip a glass of water if able to swallow.
• Do not induce vomiting unless told to do so by the poison control center or doctor.
• Do not give anything by mouth to an unconscious person.

IF INHALED:
• Move person to fresh air.
• If person is not breathing, call 911 or an ambulance; then give artificial respiration, preferably mouth-to-mouth if possible.
• Call a poison control center or doctor for further treatment advice.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For 24 hour emergency medical treatment information call 1-800-356-4647.

See booklet accompanying this container for complete labeling including Directions for Use and Warranty.

ESL1212 REY90116
981145
Net Contents: 5 Pounds (2.27 kg)

Manufactured for:
OHP Inc.
PO Box 51230
Mainland, PA 19451
(800) 356-4647

OHP Partners with solutions
PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
CAUTION: Harmful if swallowed, absorbed through the skin or inhaled. Causes moderate eye irritation. Avoid contact with skin, eyes, or clothing.

ENVIRONMENTAL HAZARDS
This product is toxic to aquatic and semiaquatic organisms. Drift and runoff may be hazardous to aquatic and semiaquatic organisms in neighboring areas. Do not apply directly to water, to areas where surface water is present, or to intermittent areas below the mean high water mark. Do not contaminate water when applying or disposing of equipment or equipment attachments.

DIRECTIONS FOR USE
It is a violation of Federal law to use this product in a manner inconsistent with its labeling.
Do not use this product in a manner that will contact workers or other persons, either directly or through drift. Only pesticide handlers may be in the area during application. For any requirements specific to your State or Tribe, contact your local agency responsible for pesticide regulation.

STORAGE AND DISPOSAL
Do not contaminate water, food, or feed by storage or disposal.
PESTICIDE STORAGE: Store in original container and keep tightly closed. Store in a cool dry place.
PESTICIDE DISPOSAL: Pesticide mixtures are usually hazardous. Implement disposal procedures. Consult product label instructions. For disposal options, contact your state Pesticide Management Office or your local recycling center.

KEEP OUT OF REACH OF CHILDREN
CAUTION
**FIRST AID**

**IF IN EYES:**
- Hold eye open and rinse slowly and gently with water for 15 to 20 minutes.
- Remove contact lenses, if present, after the first 5 minutes. Rinse eyes briefly with loose-fitting eye
- Call a poison control center or doctor for treatment advice.

**IF ON SKIN OR CLOTHING:**
- Take off contaminated clothing.
- Rinse skin immediately with plenty of water for 15 to 20 minutes.
- Call a poison control center or doctor for treatment advice.

**IF SWALLOWED:**
- Call a poison control center or doctor immediately for treatment advice.
- Do not induce vomiting unless told to do so by the poison control center or doctor.
- Do not give anything by mouth if the person is unconscious or has a choking hazard.

**IF INHALED:**
- Move the victim to fresh air.
- If symptoms continue, call 911 or an ambulance. Then give artificial respiration, preferably mouth-to-mouth if possible.
- Call a poison control center or doctor for further treatment advice.

Note: The product is not toxic; therefore, no treatment is necessary. For symptoms or adverse reactions, consult a health professional.

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**PRECAUTIONARY STATEMENTS**

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

CAUTION: Harmful if swallowed. Absorbed through the skin. Avoid contact with skin, eyes, or clothing.

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**PERSONAL PROTECTIVE EQUIPMENT (PPE)**

Some materials that are chemical-resistant to this product are: butyl rubber white rubber and woveneven rubber. If you want more options, follow the instructions for category A on an EPA chemical resistance category section sheet.

Applicators and other handlers must wear:
- Long-sleeved shirt and long pants.
- Chemical-resistant gloves made of any waterproof material.
- Safety glasses.
- Protective apron.

Follow manufacturer’s instructions for cleaning/maintaining personal protective equipment (PPE). If no such instructions exist, use detergent and hot water. Keep PPE separate from other laundry. When handling use water-resistant, nitrile coated, or apron to prevent contamination of work areas.

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**ENVIRONMENTAL HAZARDS**

This product is toxic to aquatic life. Do not contaminate water, food, or feed by either disposal of equipment or wastewater.

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**USER SAFETY RECOMMENDATIONS**

**USER SHIELDS:**
- Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Remove clothing/PPE immediately if splash gets made. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. Do not put on clean clothing.
DIRECTIONS FOR USE

It is a violation of Federal law to use this product as a feed or premix ingredient 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 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 and their families, workers, laborers, and bystanders. It includes entry restrictions for non-occupant areas of the treated area and for entry restrictions, personal protective equipment (PPE), and restriction of entry. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard. For more information, consult the U.S. Environmental Protection Agency (EPA).

Non-occupant areas are treated areas that are not within the scope of the Worker Protection Standard and that involve contact with anything that has been treated such as plants, soil, or water.
- Coveralls
- Orangized-respirator gloves made of any waterproof material
- Boots plus socks
- Protective eyewear

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 (WPS) for agricultural pesticides (40 CFR Part 170). The WPS applies when the product is used to treat agricultural plants on farms, forests, nurseries, or greenhouses. Keep an authorized person out of the treated areas until spray has dried.

Read entire label before using this product. Do not use this product on home or residential sites.

AREGA is a systemic fungicide that will control or suppress leaf spot diseases in a variety of crops when used according to the label directions and as part of good management practices programs.

COMPATIBILITY

Turf and Ornamentals: Some sulfur fertilizers and copper-based fungicides are not compatible with AREGA and a tank mix of these products with AREGA may result in phytotoxicity to various plants. To avoid this phytotoxicity, apply AREGA at least 14 days before or after the application of a copper-based fungicide, and then apply a pre-spray program. Avoid applying with antifungal equipment. Sticks, extenders, and wetting agents must not be mixed with AREGA. Do not tank mix AREGA with the following products because they are not compatible with AREGA: Pyraclostrobin, flutriafol, fluazifop-P-butyl, dicamba, triflum Ethan, and other registered formulations containing metribuzin, Fluazifop-P-butyl, and other registered formulations containing propiconazole and triadimefon.

Physical Compatibility Test: Before mixing AREGA with any other product, including but not limited to soil applications, ensure that compatibility is appropriate. Conduct a physical compatibility test by adding each component to a clean container at 1:1 and mix a small amount of spray solution by adding water component in the order and in the same order for the spray solution. If the contents and allow them to settle for 5-10 minutes. Solutions that stay in suspension or can be removed readily are considered compatible. Increased compatibility may result if a surfactant agent is used.

TOLERANCE

Although AREGA has been found to be safe to use with the species listed on this label, it is possible to test all species or varieties under all growing conditions for tolerance to AREGA. Always test for plant phytotoxicity on a small scale using the labeled rates before preparing spray solution or applying to large areas of plants.

PREPARATION OF SPRAY SOLUTIONS

Only prepare the amount of spray solution required for one day's application.

1. Always use clean water when preparing spray solution. Ensure the spray tank is clean prior to use. Add clean water to fill the tank 1/4 to 1/2 full.
2. With the sprayer running, slowly add the required amount of AREGA to the tank.
3. Slowly add an alkaline buffering agent as required (TANK MIXES) below.

4. Fill the spray tank with the remaining amount of water and continue agitation until the application is completed. 

**TANK MIXES**

Print pH as needed from the lubricator or in an emergency. In all products containing required or tank mix with ADEGA or 52.5% when unbuffered ADEGA solutions are applied to plant foliage. These solutions of a mixture of water until properly treated with copper compounds. Do not tank mix ADEGA with copper compounds.

In situations when copper compounds are applied prior to or after applications of ADEGA increase the pH of the ADEGA solution (see Step 3 under PREPARATION OF SPRAY SOLUTIONS) above to 6.0 or above using an alkaline buffer. Examples of alkaline buffers include potassium carbonate 2 lb for every 5 lb ADEGA, and ammonium carbonate 2 lb for every 5 lb ADEGA. Use caution when using potassium carbonate as the diaphragm filter on the dosing equipment during the addition of low carbon dioxide gas (CO₂). Do not fill the spray tank until air and CO₂ gas is removed. A process that usually takes about 5 minutes.

**APPLICATION DIRECTIONS FOR SPRINKLER IRRIGATION SYSTEMS**

Application through sprinkler irrigation systems is not recommended for use in California. Apply this product only through sprinkler irrigation systems including: overhead, center pivot, and center point. Do not apply this product through any other type of irrigation systems.

**SPRAY PREPARATION:** Remove scale, rust, and other foreign matter from the chemical tank and the entire irrigation system. Mix with cold water.

**APPLICATION INSTRUCTIONS:** A suspension of ADEGA is prepared in a mixing tank by adding 1/2 to 1/4 of the desired amount of water. Stir the suspension and then add the required amount of ADEGA followed by the remaining volume of water. Stir and agitate to deliver 0.1 to 0.5 inch of water per acre. Start sprinkler and evenly apply the suspension of ADEGA into the irrigation water to deliver the desired rate per acre. The suspension should be injected with a positive displacement pump into the main line ahead of a high-velocity stream to ensure adequate mixing. If you have any other questions about installation or operation, contact your local authorized service representative or the company directly.

**NOTE:** For non-square, micro-jet, and drip irrigation systems: avoid field irrigation over the treated area for 24 to 48 hours after completion of the ADEGA application. For sprinkler irrigation systems: do not irrigate the treated area until the liquid has dried to prevent wash-off of the chemical from the crop.

**PRECAUTIONS FOR APPLICATIONS THROUGH SPRINKLER IRRIGATION SYSTEMS**

- The system must contain a functional check valve, vacuum relief valve, and low-pressure drain located on the irrigation system to prevent water from entering the hydrant to the water source from contamination.
- A check valve must be located on the inlet to prevent the flow of fluid back toward the injection pump.
- The injection pump must not contain a full coolant, normally-closed centrifugal pump located on the inside of the injection pump and connected to the system to prevent the flow of fluid back toward the injection pump.
- The system must contain a functional check valve to automatically shut off the injection pump when the irrigation system is shut off.
- The system must contain a functional check valve to automatically shut off the injection pump when the irrigation system is shut down.
- The injection pump must not contain a functional check valve to prevent water from entering the hydrant to the water source from contamination.
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ORNAMENTALS AND BEDDING PLANTS

ARENZA controls diseases caused by:

- Pythium and Phytophthora in ornamentals and bedding plants grown in field nursery, greenhouse, landscaping and commercial nursery situations, and
- downy mildew and fire blight in ornamentals

ARENA suppresses botrytis blight caused by certain pathogens of *Vitis* (grape) and *Viburnum* campanulatum

Use applications to control better signs of disease reported. Use ARENA as a program with good cultural management practices. To avoid plant injury, follow these three directions and do not apply ARENA above the labeled rates or at shorter spray intervals than listed in this label. Use the highest rate where disease pressure is severe.

### ORNAMENTALS

<table>
<thead>
<tr>
<th>Application Method</th>
<th>Fitor</th>
</tr>
</thead>
<tbody>
<tr>
<td>Typical Ornamentals</td>
<td>Ageratum, Alpinia, Aralia, Bergenia, Candelilla, Canna, Geranium, Hibiscus, Justicia, Kalmia, Lathyrus, Penstemon, Primula, Plectranthus, Polyscias, Salvia, Spathiphyllum, Senecio, Verbena, Vinca</td>
</tr>
<tr>
<td>Rate</td>
<td>5 - 10 g/100 gal. water</td>
</tr>
<tr>
<td>Specific Directions</td>
<td>Mix ARENA with water and spray to wet the foliage. Use a rate of 2 - 3 - 3 - 6 lbs. product/gal when spraying in volumes of less than 100 gal. per acre. Do not exceed 400 gals. of spray solution per acre. Make repeat applications as needed but not more often than every 30 days.</td>
</tr>
</tbody>
</table>

### BEDDING PLANTS

<table>
<thead>
<tr>
<th>Application Method</th>
<th>Fitor</th>
</tr>
</thead>
<tbody>
<tr>
<td>Typical Ornamentals</td>
<td>Begonia, Geranium, Impatiens, Marigold, Petunia, Verbena, Zinnia</td>
</tr>
<tr>
<td>Rate</td>
<td>1 - 2 - 4 - 0 lbs. product per 100 gal. water</td>
</tr>
<tr>
<td>Specific Directions</td>
<td>Mix ARENA with water and spray to wet the foliage. Do not exceed 400 gals. of spray solution per acre. Make repeat applications as needed but not more often than every 30 days.</td>
</tr>
</tbody>
</table>

### ORNAMENTALS (continued)

<table>
<thead>
<tr>
<th>Application Method</th>
<th>Soil incorporation for control of Phytophthora species only</th>
</tr>
</thead>
<tbody>
<tr>
<td>Typical Ornamentals</td>
<td>Ageratum, Penstemon, Primula, Rheum, Salvia, Verbena</td>
</tr>
<tr>
<td>Rate</td>
<td>0 - 4 - 0 - 0 lbs. per 100 gal. of soil mix</td>
</tr>
<tr>
<td>Specific Directions</td>
<td>Mix product with soil immediately before planting. Soil incorporate only by mixing with an established root system. Fitor or Fitorine applications may be made when disease development is expected and do not apply more often than every 30 days.</td>
</tr>
</tbody>
</table>
### CONIFER NURSERIES

<table>
<thead>
<tr>
<th>Disease: Phytophthora Root Rot</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Application Method:</strong> Foliar</td>
</tr>
<tr>
<td><strong>Typical Conifers:</strong> Douglas fir, spruce, and pines</td>
</tr>
<tr>
<td><strong>Rate:</strong> 5-6 lbs. product per 100 gals. water</td>
</tr>
<tr>
<td><strong>Specific Directions:</strong> Mix ARIEGA with water and spray to wet foliage to the extent needed but not more than every 10 days. DO NOT EXCEED 100 gals. spray solution per acre. Make repeat applications as needed but not more often than every 30 days. SITE REGISTRATION FOR USE IN CALIFORNIA.</td>
</tr>
</tbody>
</table>

### ROSES

<table>
<thead>
<tr>
<th>Disease: Damping-off (Phytophthora sp.)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Application Method:</strong> Foliar</td>
</tr>
<tr>
<td><strong>Typical Conifers:</strong> Rose, cosmos, zinnias, and other susceptible ornamentals</td>
</tr>
<tr>
<td><strong>Rate:</strong> 5-6 lbs. product per 100 gals. water</td>
</tr>
<tr>
<td><strong>Specific Directions:</strong> Mix ARIEGA with water and spray to wet foliage to the extent needed but not more than every 10 days. DO NOT EXCEED 100 gals. spray solution per acre. Make repeat applications as needed but not more often than every 7 days.</td>
</tr>
</tbody>
</table>

### FIRE BLIGHT-SUPPRESSION ONLY

<table>
<thead>
<tr>
<th>Disease: Fire blight (Erwinia amylovora)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Typical Conifers:</strong> Ornamental prunus, syringa, lilac, and other susceptible ornamentals</td>
</tr>
<tr>
<td><strong>Application Method:</strong> Foliar</td>
</tr>
<tr>
<td><strong>Rate:</strong> 5-6 lbs. product per 100 gals. water</td>
</tr>
<tr>
<td><strong>Specific Directions:</strong> Mix ARIEGA with water and spray to wet foliage to the extent needed but not more than every 10 days. DO NOT EXCEED 100 gals. spray solution per acre. Applications must be made daily until fire blight infection is halted and not more than every 7 days.</td>
</tr>
</tbody>
</table>

NOTE: Mix ARIEGA in conjunction with a sanitization program designed to prevent the spread of this disease to healthy plants.
PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Harmful if swallowed, absorbed through the skin or inhaled. Courts extreme eye irritation. Avoid contact with skin, eyes, or clothing.

ENVIRONMENTAL HAZARDS

This product is toxic to aquatic and other invertibrates. Do not discharge to water. Avoid drift to areas where surface water is present. Do not contaminate water when 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 protect the area where it is to be used during application. For any requirements specific to your State or Tribe, contact agency responsible for pesticide regulations.

<table>
<thead>
<tr>
<th>STORAGE AND DISPOSAL</th>
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<tbody>
<tr>
<td>Do not contaminate water, food, or feed by storage and disposal.</td>
</tr>
<tr>
<td>PESTICIDE STORAGE: Store in original container and keep tightly closed. Store in a cool dry place.</td>
</tr>
<tr>
<td>PESTICIDE DISPOSAL: Pesticide containers are usually hazardous. Improper disposal of pesticide containers, empty mixtures, or wastes is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency or the Manufacturer. Please refer to the nearest EPA Regional Office for guidance.</td>
</tr>
<tr>
<td>CONTAINER HANDLING: Nonrefillable Containers (rigid-fifty lbs. or less): Nonrefillable container. Do not reuse or refill this container. Offer for recycling if available. Clean container promptly after emptying. Place this as follows: Empty the remaining contents into a available container at a recycling center or the waste disposal site.</td>
</tr>
</tbody>
</table>

See attached booklet for complete label.