

ARECA®

Fungicide

A FUNGICIDE FOR EFFECTIVE, PREVENTATIVE CONTROL OF PYTHIUM, PHYTOPHTHORA, DOWNY MILDEW AND FIRE BLIGHT ON ORNAMENTALS.

Product Information Bulletin

151

GENERAL INFORMATION

Areca is a systemic fungicide that may be applied to a wide range of ornamental flowering and foliage plants as a foliar spray, drench, or as a dip for control of diseases caused by pythium, phytophthora, and downy mildew pathogens. **Areca** can also be used for suppression of bacterial blight caused by certain pathovars of *Xanthomonas campestris*.

Common Name: Fosetyl-Al

Class: Ethyl Phosphonates

GROUP	P 07	FUNGICIDES
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Packaging: **Areca** is packaged in 5 lbs. containers, 4 per carton

RESTRICTED ENTRY INTERVAL (REI) AND SIGNAL WORD

REI = **12 hours**

Signal Word = **CAUTION**

PERSONAL PROTECTIVE EQUIPMENT (PPE)

- Long sleeved shirt and long pants
- Chemical-resistant gloves made of any waterproof material
- Shoes plus socks
- Protective eyewear

MODE OF ACTION

Group P 07 is an unknown mode of action for phosphonates. The mode of action cannot be placed within any other grouping. Resistance is not likely to develop.

USE SITES

Areca may be used on ornamentals and bedding plants grown in field nursery, greenhouse, landscape and conifer nursery* situations.

(*Areca is not currently registered in California for this use.)

DISEASES CONTROLLED

Pythium
Phytophthora
Downy Mildew
Fire Blight
Bacterial Blight*

* Not registered for use in California.

BENEFITS OF ARECA

1. True up-and-down systemic activity for top-to-bottom plant protection
2. Systemic activity from foliar spray may replace drench application
3. May stimulate natural plant disease defense mechanisms
4. Provides up to 30 days protection from one application

APPLICATION RATES

Foliar spray: (to plants such as azalea, bougainvillea, boxwood, dieffenbachia, hibiscus, juniper, pothos, rhododendron, spathiphyllum, and taxus): Mix 2.5 to 5.0 lbs. of **Areca** per 100 gal. water and spray a maximum of 400 gal./acre. Applications may be made every 30 days.

APPLICATION RATES (cont'd)

Foliar application to bedding plants: (for application to plants such as begonia, pansy, vinca, marigold, zinnia, petunia, geranium, and impatiens): Mix 1.25 to 4.0 lbs. of **Areca** with 100 gal. water and spray a maximum of 400 gal./acre. Applications may be made every 14 days.

Foliar application to roses: (for control of downy mildew): For application to field, container, and mini varieties, apply 2.5 lbs. of **Areca** with 100 gal. water and spray a maximum of 400 gal./acre. Applications may be made every 7 days.

Foliar application on conifers: On conifers such as Douglas firs, spruce, and pines, mix 2.5 to 5.0 lbs. of **Areca** in 100 gal. water and spray a maximum of 400 gal./acre. Applications may be made every 7 days.

Bacterial Blight Suppression: (for foliar applications to plants such as English ivy, anthurium, dieffenbachia, spathiphyllum, and ficus): Mix 2 to 4 lbs. of **Areca** with 100 gal. water and spray a maximum of 400 gal./acre. Applications may be made every 7 days. For best results, applications should be made in conjunction with a disease sanitation program to reduce the spread of the disease in infected plants.

Fire Blight Suppression: (for foliar applications to ornamental pear, pyracantha, and hawthorn): Mix 2.5 lbs. of **Areca** with 100 gal. water and spray a maximum of 400 gal./acre.

NOTE: Applications should be made prior to disease development and should be made in conjunction with good cultural management practices. Use the higher rate when disease pressure is severe.

Areca may be used through irrigation systems including microjet, drip, solid set, and center pivot systems

ADDITIONAL APPLICATIONS

For soil incorporation, drench, dip treatments to conifers, and other applications, refer to the label for complete instructions.

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 solutions. 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 agitator running, slowly add the required amount of **Areca** to the tank.

TANK MIXING

To determine the physical compatibility of **Areca** with any other product, use a small container to mix a small amount of spray solution, containing all ingredients in the same order and ratio as the anticipated use. If any indication of physical incompatibility develops, do not use this mixture for spraying. Indications of physical incompatibility usually appear within 5-15 minutes after mixing.

To avoid undesirable copper phytotoxicity, do not apply **Areca** and copper-based compounds at less than 14-day intervals.

RESTRICTIONS

Areca may not be compatible with foliar fertilizers.

Do not mix **Areca** with any sticker, extender, or wetting agent.

Areca is not physically compatible with flowable formulations of chlorothalnil.

Use of Areca according to the labeling is subject to the use precautions and limitations imposed by the label affixed to the container of Areca. It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

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