

Contains pyriproxyfen, the active ingredient used in Distance® IGR.



## INSECT GROWTH REGULATOR



# DEFIANCE™ 0.86 EC



## DEFY INVASIVE INSECTS' LIFECYCLES WITH DEFIANCE 0.86 EC FROM ATTICUS.

Defiance™ 0.86 EC contains pyriproxyfen 11.23%, a powerful insect growth regulator that inhibits the egg, nymph, larvae and pupae development of whiteflies, scales, shore flies, fungus gnats and more. Defiance is translaminar and penetrates both the leaf and cuticle, to reach the leaf underside, where insects feed.

Defiance offers proven, outstanding life cycle control and long-lasting residual protection of flowering and foliage crops, ground covers, ornamental trees, indoor grown fruiting vegetables and more. The emulsifiable concentrate is compatible with current IPM practices and provides control as both a stand alone insect growth regulator, or as a tank mix partner with traditional adulticides. Plus, it comes in a convenient Tip-N-Pour container, so using Defiance is as easy as it is effective.

### KEY BENEFITS

- Highly Effective Life Cycle Control
- Extended Residual Protection that Lasts
- Reliable Translaminar Movement
- Outstanding Addition for IPM or IRM Program
- Easy-to-use, Tip-N-Pour Packaging

### KEY USES

- Ornamental
- Residential
- Interiorscapes
- Commercial
- Landscape
- Greenhouse
- Lath & Shadehouses

### PRODUCT NOTES

#### EPA REGISTRATION NUMBER

91234-58

#### ACTIVE INGREDIENT

Pyriproxyfen 11.23%

#### FORMULATION

Emulsifiable Concentrate

#### IRAC NUMBER

7C

#### SIGNAL WORD

Caution

#### PACKAGE SIZE

4 x 1 qt (Tip-N-Pour)

#### RESTRICTED USE

No

Refer to label for specific use restrictions.



Relevant. Simple. Reliable.



**DEFIANCE™**  
**0.86 EC**

## APPLICATION INFORMATION

### PLANT TOLERANCE:

The large number of existing ornamental varieties and cultivars coupled with the constant introduction of new varieties makes it impossible to field test Defiance™ 0.86 EC in every locale where sold or in all of the combinations created by these differences. These differences include the soil or media type, pH moisture or fertility, environmental conditions such as temperature, lighting or degree-days and horticultural practice and the manner of use and application of this product. To ensure that Defiance™ 0.86 EC is compatible with the variety or cultivar under your specific conditions, test the product on a limited scale and observe for phytotoxicity for two weeks before making large scale applications. Phytotoxicity has been observed on the following plants: Salvia, Ghost Plant, Boston Fern, Schefflera, Gardenia, and Coral Bells. It is therefore recommended that Defiance™ 0.86 EC not be used on these plants. Do not apply to Poinsettia after bract formation.

### COMPATIBILITY:

Defiance™ 0.86 EC is compatible with most commonly used insecticides, fungicides and spray adjuvants used in the production of ornamental plants. When using Defiance™ 0.86 EC in tank mixes with other pesticides, observe all directions for use and precautions on the respective tank mix label. When making an application of a tank mix for the first time, it is advised that a few plants be treated and observed for phytotoxicity for two to four weeks before making large scale applications.

### LOW VOLUME SYSTEMS:

Defiance™ 0.86 EC has been evaluated and shown to be effective for foliar applications when applied through Electrostatic Spraying Systems, PulsFog® Systems or other low volume systems. To calculate the amount of product for application, use the appropriate amount of Defiance™ 0.86 EC for the square footage to be treated with spray as listed. The amount of carrier (water) is dependent on the amount needed for adequate coverage.

Do not use low volume systems to control soil-inhibiting insects such as fungus gnats and shore flies.

*Refer to product label for complete application and mixing instructions.*

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## KEY INSECTS

Aphids  
Armyworm  
Banded wing whitefly  
Glassy-winged Sharpshooters  
Greenhouse whitefly  
Sweet potato whitefly  
Silverleaf whitefly  
Thrips

*(Refer to product label for complete list)*



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