

# Safari essentials

Safari 20SG

|   |  |
|---|--|
| <b>FORMULATION:</b><br>WATER DISPERSIBLE GRANULES                           |  |
| <b>USE RATE:</b>  |  |
| <b>APPLICATION METHOD</b>   | <b>RATE</b>  |
| FOLIAR  | 4-8 OZ/100 GALLONS.  |
| SOIL DRENCH OR INJECTION  | CONTAINER:<br>12-24 OZ/100 GALLONS.<br>APPLY 4 FL OZ OF FINISHED SOLUTION/6" POT<br>LANDSCAPE:<br>SHRUBS: 3-6 GRAMS/FOOT OF HEIGHT<br>OR 1.0-2.1 OZ/10 FEET OF HEIGHT<br>TREES: 3-12 GRAMS/INCH TRUNK<br>DIAMETER OR 1.0-4.2 OZ/10 INCHES<br>OF TRUNK DIAMETER<br>NOTE: 12 GRAMS = 5 TEASPOONS |
| <b>APPLICATION TIMING:</b> APPLY WHEN PEST POPULATIONS FIRST START TO BUILD |  |
| <b>SIGNAL WORD:</b> CAUTION   |  |
| <b>SAFETY:</b> SAFE TO MANY BENEFICIALS                                     |  |

## NEW! Safari 2G

|   |   |
|---|---|
| <b>FORMULATION:</b><br>GRANULE  |   |
| <b>USE RATE:</b>  |   |
| <b>APPLICATION METHOD</b>   | <b>RATE</b>   |
| SOIL SURFACE  | CONTAINER:<br>1/3-2/3 TSP/GALLON OF POTTING MEDIA<br>LANDSCAPE:<br>SHRUBS: 1-2 OZ/FOOT OF HEIGHT<br>TREES: 2-4 OZ/INCHES OF TRUNK DIAMETER<br>AT BREST HEIGHT<br>NOTE: 6.6 OZ = 1 CUP |
| <b>APPLICATION TIMING:</b> APPLY WHEN PEST POPULATIONS FIRST START TO BUILD |   |
| <b>SIGNAL WORD:</b> CAUTION   |   |
| <b>SAFETY:</b> SAFE TO MANY BENEFICIALS                                     |   |

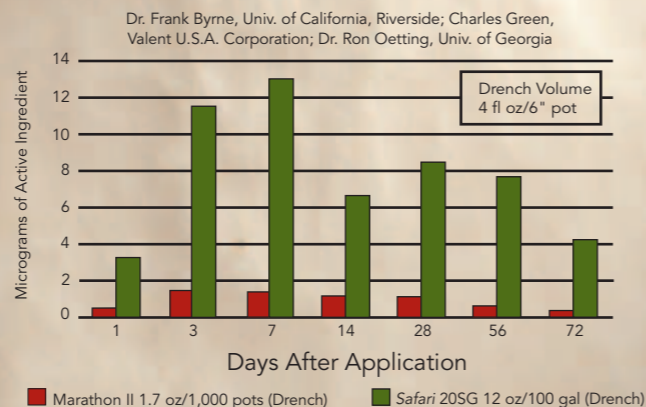
With its application flexibility, *Safari* can be applied by foliar spray, chemigation or directly to soil surface. *Safari's* new generation active ingredient, dinotefuran, controls a broad range of difficult pests—including those not adequately controlled by other neonicotinoids.

# Super-systemic

*Safari* is much more systemic than other neonicotinoids, which makes it especially effective when applied to the soil. Because of its high water solubility, *Safari* is more easily taken up by roots and more rapidly transported to leaves where insects such as whiteflies feed. When applied to the soil, *Safari* provides up to 90 days of control. As a foliar spray, *Safari* provides quick knockdown and excellent translaminar control of pests that feed on the underside of leaves. Rapid absorption by the foliage also makes *Safari* less likely to be removed by rainfall or irrigation.

*Safari's* super-systemic activity is shown in the following chart where six to 14 times more active ingredient was detected in leaves of poinsettia plants drenched with *Safari* compared to those drenched with Marathon®.

**Amount of Active Ingredient in Poinsettia Leaves**



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Safari® Insecticide  
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Gnatrol® Biological Larvicide

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Distance Fire Ant Bait

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Tourney™ Fungicide\*\*

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Read and follow the label instructions before using.

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Tame is a restricted use pesticide.

\*Stellar is pending EPA registration.

\*\*Tourney is registered in most states. Check with [www.valentpro.com](http://www.valentpro.com) or call 800-89-VALENT (898-2536) for current registration status.

# Safari

INSECTICIDE  
Where the wild things aren't.

NEW! Safari  
2G Formulation

*A super-systemic  
insecticide for  
super-difficult  
pests.*



# Bugs beware

Safari® Insecticide, a new generation, super-systemic insecticide with quick uptake and knockdown, controls a broad spectrum of ferocious and invasive pests, including Q- and B-biotype whitefly, mealybug, leafminer, fungus gnat, black vine weevil, glassy-winged sharpshooter, armored and soft scale, adelgid and lacebug—some of the most costly pests that affect high-value greenhouse and nursery crops such as poinsettia, hibiscus, vegetable transplants, as well as trees, shrubs and herbaceous ornamentals in the lawn and landscape market. Safari's unsurpassed residual control means you apply less, and less often. Safari is super-flexible and can be applied as a drench, soil injection, foliar spray or via chemigation systems.

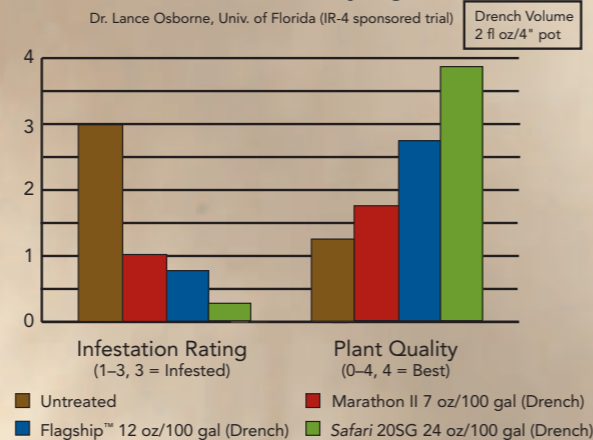
## Broad spectrum

Safari is super-systemic, with quick uptake and knockdown, for broad spectrum control of ferocious and invasive pests.

| PEST                        | SOIL APPLICATION | FOLIAR SPRAY |
|-----------------------------|------------------|--------------|
| ADELGIDS                    | ☑                | ☑            |
| APHIDS                      | ☑                | SUPPRESSION  |
| BLACK VINE WEEVIL           | ☑                | ☑            |
| FLATHEADED BORERS           | ☑                |              |
| FUNGUS GNAT (LARVAE)        | ☑                |              |
| GLASSY-WINGED SHARPSHOOTERS | ☑                | ☑            |
| LACEBUGS                    | ☑                | ☑            |
| LEAFHOPPERS                 | ☑                | ☑            |
| LEAFMINER                   | ☑                | ☑            |
| MEALYBUGS                   | ☑                | ☑            |
| ORIENTAL BEETLE             | ☑                |              |
| PSYLLIDS                    | ☑                | ☑            |
| SCALE—ARMORED AND SOFT      | ☑                | ☑            |
| ROOT WEEVILS                | ☑                |              |
| ROUNDHEADED BORERS          | ☑                |              |
| THRIPS                      | ☑                | SUPPRESSION  |
| WHITEFLIES                  | ☑                | ☑            |

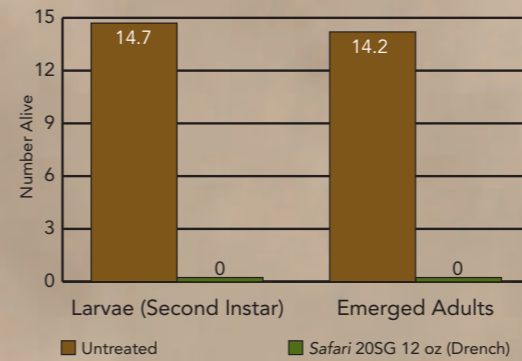
Safari hunts the most ferocious pests that plague high-value greenhouse and nursery crops.

### Pink Hibiscus Mealybug



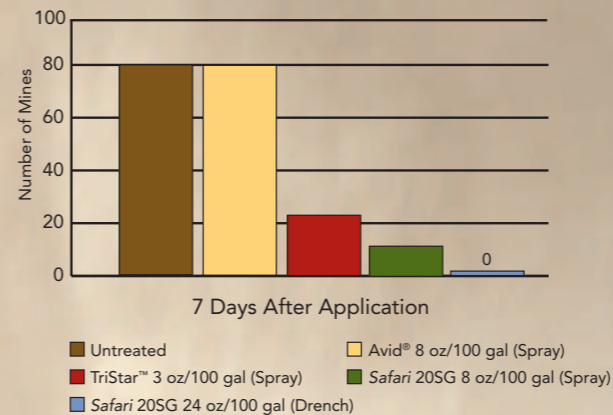
### Fungus Gnat Control

Dr. Raymond Cloyd, Univ. of Illinois



### Serpentine Leafminer on Mums

Nancy Rechcigl, Yoder Brothers



*Safari can be used on ornamental plants in:*

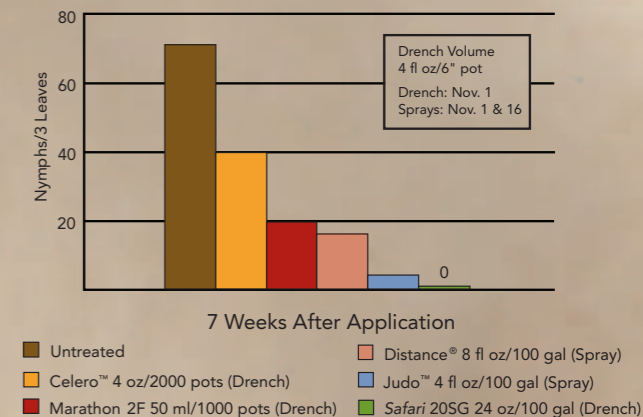
- GREENHOUSE
- NURSERY
- RESIDENTIAL AND COMMERCIAL LANDSCAPE
- INTERIORSCAPES

## Control of Q- & B-biotype whitefly

Safari is highly effective against the B-biotype of the silverleaf whitefly, which growers have been battling since the late 1980s. In 2005, a new and more resistant whitefly biotype of the silverleaf whitefly—the Q-biotype—was detected for the first time in the United States. In university trials with Q-biotype whiteflies from four commercial greenhouses in CA, GA and NY, Safari was more effective than other neonicotinoids when applied as a drench and was one of the top products tested as a foliar spray. On poinsettia, an early-season soil drench provided 10 weeks of residual control of both nymphs and adults. Due to its super-systemic activity, a Safari drench provides quick knockdown of adult whiteflies even when applied after color—a time when few control options are available.

### Q-biotype Whitefly on Poinsettia

Dr. Ron Oetting, Univ. of Georgia (IR-4 sponsored trial)



Caution: Safari is a neonicotinoid insecticide. To minimize the development of resistance, Safari should NOT be rotated with other neonicotinoids for control of Q-biotype whiteflies (or other pests) and SHOULD be rotated with other effective compounds that have a different mode of action. Information on the results of Q-biotype efficacy trials is available on the Web at: <http://www.mrec.ifas.ufl.edu/LSO/bemisia/bemisia.htm> or at [www.q-biotypewhiteflies.com](http://www.q-biotypewhiteflies.com).