

## TIP OF THE MONTH



### New diagnostic resources available!

#### 3.05 Diagnosing Signs of High and Low pH

While signs of high pH induced iron deficiency commonly occur, do you know what to look for when the substrate pH is too low?

#### 3.06 Bedding Plant Troubleshooting eBook

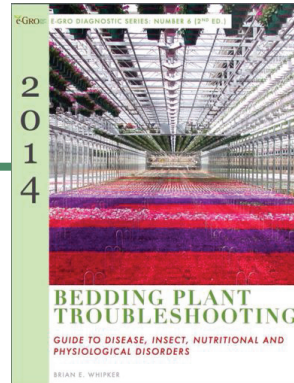
A new troubleshooting guide to Bedding Plant disorders has been published by the NC State University's Floriculture group. This iPad viewable book has 177 photos and 249 pages and highlights ageratums, begonias, celosia, impatiens, marigolds, salvia and snapdragons.

#### 3.07 Clerodendrum Cultural and Troubleshooting eBook

A new cultural and troubleshooting guide to Clerodendrum has been published by the NC State University's Floriculture group. This iPad viewable book has over 100 photos and 110 pages and highlights. Chapters include cultural information, diagnostics and research updates.

#### 3.08 e-GRO University

In mid-2013, faculty from five different universities launched one of the latest facets of e-gro.org. e-GRO University is an online educational opportunity for seasoned and beginning growers. Over 50 FREE videos covering insects, diseases, PGRs, nutrition and culture are available for your viewing. This project was sponsored by the Fred C. Gloeckner Foundation.



## Rose Rosette Disease in Florida

Symptoms including witches' broom, excessive thorns, abnormal red discoloration of shoots and foliage, distorted leaves, deformed buds and flowers, shoot proliferation and leaf discoloration characteristic to the rose rosette disease caused by *Rose Rosette Virus* (RRV) were observed on roses in a commercial nursery in Florida in November 2013. RT-PCR assay using RRV specific primers followed by sequencing confirmed the presence of the virus in the infected samples. The details of the pest alert issued can be found at [http://nfrec.ifas.ufl.edu/paret/u-scout/Pest\\_Alert.html](http://nfrec.ifas.ufl.edu/paret/u-scout/Pest_Alert.html)

#### Submitted by:

Mathews Paret, Binoy Babu, Hank Dankers & Gary Knox, NFREC, University of Florida, Quincy  
Tim Schubert and Carlye Baker, Division of Plant Industry-FDACS, Gainesville  
Carrie Harmon, SPDN/Department of Plant Pathology, University of Florida, Gainesville

