

## **FEATURES**

#### **DISEASE MANAGEMENT**

Combating Black Root Rot

Once established, the persistent and damaging pathogen — Thielaviopsis — can be tough to eradicate. Here are some guidelines towards prevention.

By A. R. Chase and Margery L. Daughtrey

### RESEARCH

14 Ethephon Drenches on Bedding Plants

Although not currently labeled for drench applications, research shows that Florel drenches appear to be a viable method to control height and size of several bedding plant crops.

By Erik Runkle, Christopher Currey, Kasey Clemens, Roberto Lopez, William Miller and Neil Mattson

### **GROWER 101**

20 The Three Keys to Water Treatment Design

While margins continue to shrink, growers are recognizing that high-quality water results in substantial benefits in many areas of production.

By Al Zylstra

### PEST MANAGEMENT

24 Are Thrips Still Bugging You?

If this is a question you can answer with a "yes," then it's time to take a closer look at the problem and see what can be done to improve your pest management program.

By Ronald Valentin

# **CULTURE CONNECTION**

32 Perennial Solutions: Helleborus x hybridus 'Ballerina Ruffles'

With its large double flowers, extended bloom time and reliable landscape performance, this is one Lenten rose no perennial program should be without.

By Paul Pilon

36 Crop Culture Report: Lobularia Stream Series

An impressive innovation in breeding, this series will make a great addition to any garden.

By Mike Fernandez

**New Varieties** 

Angelonia, heucherella, calibrachoa and viola

38 Variety Spotlight

Petunia, scaevola







#### ON THE COVER

Bred to be heat tolerant and well controlled in nature, lobularia Stream can handle early to late season and will add fragrance to any planting. To learn more about the Stream series, turn to page 36. (Photo: 'Stream White', Danziger Flower Farm)

### IN EVERY ISSUE

- **EDITOR'S REPORT**
- **NEWS**
- AD INDEX
- CLASSIFIEDS/PRODUCT SHOWCASE

### COLUMNS

TECHNICALLY SPEAKING

42 PGR Dilution Guide

By Erik Runkle, Michigan State University



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# **CULTURE CONNECTION**

**NEW VARIETIES** 



# angelonia

'Sungelonia Deep Pink' presents an elegant, upright form. Its pink flowers contrast wonderfully with dark glossy green foliage. This angelonia will bloom profusely and retain its shape throughout the summer.

**Suntory Collection** www.suntorycollection.net Write in 1400

# heucherella

Bred for heat and humidity tolerance, 'Glacier Falls' performs well as a groundcover and in container gardens. This perennial features fuzzy, blue leaves with dark veins and a white veil. It grows best in Zones 4 through 9.

Terra Nova Nurseries www.terranovanurseries.com 800.215.9450 Write in 1401





# calibrachoa

'MiniFamous Double Rose Chai' features a unique cream to rose coloration. It has a semitrailing habit and is early flowering. Mini-Famous varieties are ideal for quart, gallon, basket and mixed container programs.

www.ballhort.com 800.879.BALL Write in 1402

# viola

Ideal for early spring and fall sales, 'Floral Power Sky Blue Blotch' continues to flower in the winter period and can be used in the landscape. It fits in packs, 4-inch pots and gallons.

American Takii www.takii.com 831.443.4901 Write in 1403





