Dramatic Summer Color

Inside:
- Pest Management: Finding the Right Sprayer; New Products Explained
- Crop Culture Report: Trailing Pansy
- Media: Hanging Basket Soils
BUGS AND PESTS...

PEST MANAGEMENT

12 New or Unfamiliar Pest Control Materials
Here's a quick rundown to help you become more acquainted with new pest controls available to greenhouse growers.
By Raymond Cloyd

GROWER 101

16 Which Sprayer Works For You?
With all the equipment available, it can be hard to decide which items will best suit your situation. While you could use a pump sprayer out there, finding the most efficient is your goal.
By Kurt Becker

FEATURES

RESEARCH

22 Facing the Downy Mildew Dilemma
While little is known about these plant pathogens, the little you do know will help your control strategies.
By Kelly Ivors

MEDIA

30 Choosing Soils for Hanging Baskets
Using proper media is crucial to achieving a successful hanging basket.
By Michael Tilley, Hugh Poole, Bob Steinkamp and Jamie Gibson

CULTURE CONNECTION

36 Perennial Solutions: Hibiscus 'Summer Storm'
Very few perennials can compete with the impressive displays of color that hardy hibiscus cultivars provide when in full bloom.
By Paul Pilon

40 Crop Culture Report: Pansy Balconita Series
A revolutionary breeding breakthrough, these vegetative large-flowered trailing pansies are great for premium early-season hanging basket production.
By Mike Fernandez

41 New Varieties
Verbena, gaillardia, gerbera, alternanthera

42 Variety Spotlight
Callithrachia, kniphofia

ON THE COVER

The vivid color of gaillardia 'Commotion Moxie' stands out in beds, borders and mixed containers, and its low-water requirement extends its usefulness for droughty conditions. To learn more about strong summer varieties, turn to page 41. (Photo: Skagit Gardens)

IN EVERY ISSUE

6 EDITOR'S REPORT
8 NEWS
8 Sanitary, Armstrong and EuroAmerican Launch Consumer Campaign
9 Growers Meet at Big Grower Executive Summit in Miami
20 PRODUCT FOCUS: Pest Control
44 AD INDEX/CLASSIFIEDS
45 PRODUCT SHOWCASE

COLUMNS

THIS MONTH IN DISEASES
10 Salvia
By A.R. Chase and Margery Daughtrey

TECHNICALLY SPEAKING
46 Tips on Using Uniconazole
By Erik Runkle, Michigan State University
kniphofia

A new series of dwarf pokers, Popsicle sports a compact habit and high-impact colors. Attractive grassy foliage looks great all season, and flowers bloom from summer to fall. Bred for smaller spaces and long bloom time, they may be used as a color spot in mixed beds, mass or for an upright accent. Popsicle kniphofia has large showy flowers and grows and flowers very quickly.

Four colors are currently available. 'Papaya Popsicle' has spikes of flowers the color of ripe papayas. It grows 18 inches wide and 12 inches tall; flower spikes grow up to 20 inches. 'Pineapple Popsicle' produces cream to yellow spikes. It grows 25 inches wide and 14 inches tall; flower spikes grow up to 26 inches.

All varieties are drought tolerant and prefer full sun. They require a pH between 6.0 and 6.8. Dry moderately between waterings. Finish time in a 4-inch container is four to six weeks.