PGR Research at CSU

ProGreen EXPO
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Annuals and Perennials
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Vegetatively Propagated Annuals
Argyranthemum ‘Comet Pink’
Argyranthemum

- B-Nine Foliar Sprays
- Bonzi or Sumagic Foliar Sprays
- Bonzi Pre-plant Plug Soak
Bracteantha ‘Florabella Gold’
Bracteantha

- B-Nine Foliar Sprays
- Bonzi or Sumagic Foliar Sprays
- Bonzi Soil Drench
Calibrachoa ‘Lirica Rose’
Calibrachoa

- Bonzi Pre-plant Plug Soak
- Bonzi Soil Drench
- B-Nine Foliar Sprays
Double Impatiens ‘Purple Star’
Double Impatiens

- B-Nine Foliar Sprays
- Bonzi Foliar Sprays
- Bonzi Soil Drench
Scaevola ‘Purple Fan’
Scaevola

- Bonzi Soil Drench
- Florel Foliar Sprays
- Sumagic Foliar Sprays
Verbena ‘Light Pink Shades’
Verbena

- Bonzi Pre-plant Plug Soak
- Florel Foliar Sprays
- Sumagic Foliar Sprays
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Pre-plant Plug Soaks
Lamium maculatum

Before Experiment
Plants

- Argyranthemum
- Bracteantha
- Calibrachoa
- Coleus
- Diascia
- Double Impatiens
Plants

- Lamium
- Nemesia
- Petunia
- Scaevola
- Verbena
1. B-Nine (2500 ppm) + Cycocel (1500 ppm)
2. B-Nine (2500 ppm) foliar spray
3. Cycocel (1500 ppm) foliar spray
4. Bonzi (15 ppm) foliar spray
5. Bonzi (30 ppm) foliar spray
6. Bonzi (2 ppm) soil drench
7. Bonzi (4 ppm) soil drench
8. Bonzi (4 ppm) pre-plant plug soak
9. Bonzi (8 ppm) pre-plant plug soak
10. Untreated control
Plants effectively controlled with pre-plant plug soaks of Bonzi

- Argyranthemum
- Calibrachoa
- Coleus
- Petunia
- Lamium
Plants extremely sensitive to Bonzi plug soaks (Not recommended)

- Diascia
- Impatiens
- Scaevola
Plants largely unaffected by Bonzi pre-plant plug soaks

- **Nemesia**
- **Verbena**
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PGR Applications for mixed containers
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Perennials
Aegopodium
‘Silver Mound’
Ceratostigma
‘Early Sunrise’
‘Munstead’
Phlox subulata
Russian Sage
Lemon Thyme

CONTROL

B9/CCC
1500/500
Student Researchers at Colorado State University

- Charles Leggett
- Austin Cowden
- Michelle Transue
- Kelly Wallace
PGR Research Sponsors

- Crompton - Uniroyal Chemical
- Colorado Floriculture Foundation
- Gulley Greenhouse
- Center Greenhouse
- Ecke Ranch
- Euro-American Propagators
- Premier Horticultural Products