

A Report Submitted to Fine Americas

**Liner dips of Abide, Concise, and Piccolo on
aggressive foliage annuals for mixed container use**

Preformed Spring 2010

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Materials and Methods

- **Rooted liners were received at Purdue**
- **Liners were watered the day preceding chemical treatments and not watered again before treatment**
- **Liners were placed in solutions for 30 seconds**
- **Plants were planted in 4.5-inch containers the day preceding treatments**

Plant Materials

- **Experiment 1**

- *Dichondra argentea* ‘Silver Falls’
- *Ipomoea batata* ‘Blackie’
- *Ipomoea batata* ‘Margarita’
- *Vinca major* ‘Variegata’

- **Experiment 2**

- *Alternanthera dentata* ‘Royal Tapestry’
- *Helichrysum petiolare* ‘Silver Mist’
- *Lysmachia nummularia* ‘Goldilocks’
- *Plectranthus oertendahlii* ‘Emerald Lace’

Chemical Treatments

- **Liners were dipped for 30 seconds into solutions containing:**
 - **Water**
 - **Abide (8, 16, and 32 ppm)**
 - **Concise (2, 4, and 8 ppm)**
 - **Piccolo (4, 8, and 16 ppm)**

Environment and Culture

- **72 °F day/ 67 °F night**
- **Ambient irradiance and daylengths**
- **200 ppm N from a balanced feed**

Data Collection

- **Data were collected on the final stem length six weeks after treatments were applied**

EXPERIMENT 1

Dichondra ‘Silver Falls’

Abide (ppm)

Control

4

8

16



Piccolo (ppm)

Control

4

8

16



Concise (ppm)

Control

4

8

16



Sweet potato 'Blackie'

Abide (ppm)

Control

4

8

16



Piccolo (ppm)

Control

4

8

16



Concise (ppm)

Control

4

8

16



Sweet potato 'Margarita'

Abide (ppm)

Control

4

8

16



Piccolo (ppm)

Control

4

8

16



Concise (ppm)

Control

4

8

16



Vinca 'Variegata'

Abide (ppm)

Control

4

8

16



Piccolo (ppm)

Control

4

8

16



Concise (ppm)

Control

4

8

16



EXPERIMENT 2

Alternanthera

Abide (ppm)

Control

4

8

16



Piccolo (ppm)

Control

4

8

16



Concise (ppm)

Control

4

8

16



Helichrysum

Abide (ppm)

Control

4

8

16



Piccolo (ppm)

Control

4

8

16



Concise (ppm)

Control

4

8

16



Lysmachia

Abide (ppm)

Control

4

8

16



Piccolo (ppm)

Control

4

8

16



Concise (ppm)

Control

4

8

16



Plectranthus

Abide (ppm)

Control

4

8

16



Piccolo (ppm)

Control

4

8

16



Concise (ppm)

Control

4

8

16

