Echinacea ‘Magnus’

- Exilis (6-BA)
- 4 WAT
- Increased branching

Control

900 ppm
Echinacea ‘White Swan’

- Exilis (6-BA)
- 6 WAT, fall application
- Increased branching (3.4 vs. 13.6)
Echinacea ‘White Swan’

- Exilis (6-BA)
- 6 WAT, fall application
- Increased branching (3.4 vs. 10.0)
Echinacea ‘Doubledecker’

- Exilis (6-BA)
- 4 WAT, fall application
- Increased branching (1.2 vs. 6.4)
Configure on *Echinacea* ‘Doubledecker’

- 600 ppm Exilis at 4 WAT
- Control 1.2 vs. Configure 4.6 breaks
# 6-BA on *Echinacea*

<table>
<thead>
<tr>
<th>Cultivar</th>
<th>Control</th>
<th>Configure 600 ppm</th>
<th>t-test</th>
</tr>
</thead>
<tbody>
<tr>
<td>Magnus</td>
<td>3.8</td>
<td>6.6</td>
<td>**</td>
</tr>
<tr>
<td>White Swan</td>
<td>2.4</td>
<td>11.4</td>
<td>***</td>
</tr>
<tr>
<td>Doubledecker</td>
<td>1.2</td>
<td>4.6</td>
<td>*</td>
</tr>
<tr>
<td>Ruby Star</td>
<td>4.4</td>
<td>11.2</td>
<td>*</td>
</tr>
</tbody>
</table>

At 4 WAT
Echinacea ‘Merlot’

- Configure
- Height reduction
- Increased branching

Control

600 ppm

6 WAT
Configure on *Echinacea*

<table>
<thead>
<tr>
<th>Cultivar</th>
<th>Control</th>
<th>Configure 600 ppm</th>
<th>t-test</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tiki Torch</td>
<td>1.7</td>
<td>4.1</td>
<td>**</td>
</tr>
<tr>
<td>Merlot</td>
<td>1.3</td>
<td>2.9</td>
<td>**</td>
</tr>
<tr>
<td>Fragrant Angel</td>
<td>2.6</td>
<td>4.4</td>
<td>*</td>
</tr>
</tbody>
</table>

At 4 WAT, 5/14/09 plant date
Configure on *Gaillardia*

- G. arista ‘Dazzler’ at 4 WAT with 600 ppm
- Breaks: Untreated 23.4 vs. Configure 153
Configure on *Gaillardia arista* ‘Dazzler’

- Delayed and NS increase in number of flowers at 8 WAT (control 39 vs. Configure 62 flowers/plt)
Configure on *Heuchera ‘Raspberry Ice’*

- Number of basal branches increased at 4 and 8 WAT
Configure on *Heuchera* ‘Raspberry Ice’

- Basal branches at 4 WAT
  - Control 11.8 vs. Configure 18.1 branches/plt
Configure on *Lobelia cardinalis*

- Number of basal branches increased at 2, 4 and 6 WAT
  - 2WAT Control 3.8 vs Configure 12.8 breaks
  - 4WAT Control 7.3 vs Configure 12.9 breaks
  - 6WAT Control 10.6 vs. Configure 16 breaks
Penstemon digitalis ‘Husker Red’

- Increased basal branches at 4 WAT
  - Control 6.2 vs. Configure 7.7 branches/plt
  - Delayed development

Control

600 ppm
Penstemon digitalis ‘Husker Red’

- Photo at 7 WAT

- Control

- 600 ppm
Configure on *Lychnis ‘Vesuvius’*

- Number of lateral branches increased at 2 and 4 WAT
  - 2WAT Control 2.1 vs Configure 3.8 breaks
  - 4WAT Control 3.1 vs Configure 5.3 breaks
Configure on *Euphorbia dulcis* ‘Chameleon’

- Shoot height reduced
- Number of lateral branches increased at 4 and 6 WAT
Gaura ‘Siskiyou Pink’

- Increased number of shoots per pot and lateral branching of shoots at 4 WAT
**Gaura ‘Siskyou Pink’**

<table>
<thead>
<tr>
<th>Configure rate (ppm)</th>
<th>Number of</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Shoots</td>
<td>Branches</td>
</tr>
<tr>
<td>0</td>
<td>5.0*</td>
<td>29.8</td>
</tr>
<tr>
<td>600</td>
<td>7.3</td>
<td>39.4</td>
</tr>
<tr>
<td>t-test</td>
<td>**</td>
<td>**</td>
</tr>
</tbody>
</table>

*At 4 WAT*
### Gaura ‘Siskiyou Pink’

<table>
<thead>
<tr>
<th>Configure rate (ppm)</th>
<th>Number of Inflorescences</th>
<th>Number of Flowers</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>25.3*</td>
<td>160</td>
</tr>
<tr>
<td>600</td>
<td>36.0</td>
<td>220</td>
</tr>
<tr>
<td>t-test</td>
<td>**</td>
<td>**</td>
</tr>
</tbody>
</table>

*At 7 WAT
Configure on Perennials (600 ppm; p≤0.05)

<table>
<thead>
<tr>
<th>Crop</th>
<th>Untreated</th>
<th>BA</th>
<th>WAT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gaura ‘Siskiyou Pink’</td>
<td>29.8</td>
<td>39.4</td>
<td>4</td>
</tr>
<tr>
<td>Euphorbia 'Chameleon'</td>
<td>13.5</td>
<td>20.0</td>
<td>6</td>
</tr>
<tr>
<td>Gaillardia 'Dazzler'</td>
<td>23</td>
<td>153</td>
<td>4</td>
</tr>
<tr>
<td>Heuchera x 'Raspberry Ice'</td>
<td>11.8</td>
<td>18.1</td>
<td>4</td>
</tr>
<tr>
<td>Lobelia cardinalis</td>
<td>7.3</td>
<td>12.9</td>
<td>4</td>
</tr>
<tr>
<td>Penstemon ‘Husker Red’</td>
<td>6.2</td>
<td>7.7</td>
<td>4</td>
</tr>
<tr>
<td>Lychnis 'Vesuvius'</td>
<td>3.1</td>
<td>5.3</td>
<td>4</td>
</tr>
<tr>
<td>Veronica ‘Icicle’</td>
<td>2.5</td>
<td>3.6</td>
<td>2</td>
</tr>
<tr>
<td>Coreopsis ‘Zagreb’</td>
<td>43.2</td>
<td>98.8</td>
<td>2</td>
</tr>
<tr>
<td>Leucanthemum x 'Alaska'</td>
<td>9.5</td>
<td>14.9</td>
<td>2</td>
</tr>
</tbody>
</table>
## Configure on *Veronica ‘Icicle’*

<table>
<thead>
<tr>
<th>Configure rate (ppm)</th>
<th>Number of branches</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>0 WAT</td>
</tr>
<tr>
<td>0</td>
<td>5.3</td>
</tr>
<tr>
<td>600</td>
<td>4.7</td>
</tr>
<tr>
<td>t-test</td>
<td>NS</td>
</tr>
</tbody>
</table>

Note: **NS** indicates not significant; ***** indicates highly significant.
Plant Materials NOT Responsive to Configure (600 ppm x1)

- Delphinium elatum 'Galahad'
- Phlox paniculata 'David'
- Stokesia laevis 'Silver Moon'
- Heleneium 'Coppelia'
- Asclepias tuberosa
- Hemerocallis ‘Strutters Ball’
- Aquilegia ‘Winky Purple White’
- Buddleia ‘Honeycomb’
- Coreopsis ‘Sweet Dreams’
- Vinca minor ‘Sterling Silver’
Configure for Perennials

- Configure could be used as a general treatment for a wide variety of herbaceous perennials with a good potential to improve the crop habit and a low potential for crop injury or negative results.

- Multiple applications may improve branching of many crops. Fall applications may improve basal branching more than spring applications.

- Evaluation of early treatment (in the plug tray) would be beneficial to the use of Configure in crop production.
Battlefield Farms

- More guidelines on timing of BA application(s)
- Grow out info for fall treatments
- Application methods?
- More written support material
Configure on *Coreopsis grandiflora*
Configure on Coreopsis ‘Moonbeam’
Configure on Coreopsis ‘Zagreb’

- Control
- 300 x1
- 300 x2
- 600 x1

Battlefield Farms
- Configure on Coreopsis ‘American Dreams’
- Battlefield Farms
Configure on Platycodon

Battlefield Farms, 10 DAT
Configure on Echinacea ‘White Swan’

- Echinacea, 600x2
Configure on Gaillardia

Gaillardia (9/9/09)
Joyce Latimer
540-231-7906; jlatime@vt.edu
http://www.hort.vt.edu/Floriculture/