Which comes first, Armor Si or CALiMAGic?

- When using both Armor Si and CALiMAGic, add Armor Si to the reservoir first.
- When using Armor Si and/or CALiMAGic with Flora Series, these products should be added prior to adding FloraMicro.

**Flora Series®**

All amounts per 3.79 Liters (1 US Gallon)

**Drain to Waste Nutrient Solution Tips:**
- Keep nutrient solution temperature below 75°F (24°C).
- Allow 5%~25% runoff during each irrigation.
- Consider fresh water irrigation after 1~3 nutrient applications.
- To avoid apply fresh water irrigation after three nutrient applications, to flush excess mineral accumulation.
- Keep nutrient solution aerated.
- For best results maintain nutrient solution pH between 5.5~6.5.

**Troubleshooting factors to consider:**
- Acid, bright, hot environments cause plants to drink more than if they are grown where it’s humid, dim, and cool. Thus gardeners should use less concentrated nutrient solutions when growing conditions are more intense in order to lessen the risk of overfeeding.
- The pH (acidity or alkalinity) of a nutrient solution affects the availability of the elements contained within. Use GH pH adjusters to maintain nutrient pH between 5.5~6.5.

<table>
<thead>
<tr>
<th>WEEK #</th>
<th>GROWTH STAGE: PPM RANGE</th>
<th>GROWTH (18h photoperiod)</th>
<th>BLOOM (12h photoperiod)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Seedling</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Early Growth</td>
<td>200-250</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Late Growth</td>
<td>550-700</td>
<td>600-800</td>
</tr>
<tr>
<td>4</td>
<td>Transition</td>
<td>850-900</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>Early Bloom</td>
<td>500-700</td>
<td>600-800</td>
</tr>
<tr>
<td>6</td>
<td>Early Bloom</td>
<td>1000-700</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>Mid Bloom</td>
<td>800-900</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>Mid Bloom</td>
<td>1200-700</td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>Mid Bloom</td>
<td>1500-700</td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>Late Bloom</td>
<td>2000-700</td>
<td></td>
</tr>
<tr>
<td>11</td>
<td>Ripen</td>
<td>3000-700</td>
<td></td>
</tr>
<tr>
<td>12</td>
<td>Flush</td>
<td>0-50</td>
<td></td>
</tr>
</tbody>
</table>

**Simple program expert program**

- **Base Nutrient**
  - FloraMicro 2mL 4mL 5mL 4mL 4mL 4mL 4mL 4mL 4mL
  - FloraGre 1mL 5mL 5mL 4mL 1mL 1mL 1mL 1mL 1mL
  - FloraBloom 1mL 1mL 2.5mL 4mL 5mL 5mL 6mL 6mL 8mL 8mL

- **Roots** RapidStart
  - 2.5mL 2.5mL 1mL 1mL 1mL 1mL 1mL 1mL 1mL 1mL

- **Weight** Liquid KoolBloom
  - 1mL 2mL 2mL 2mL 2.5mL 2.5mL

- **Aroma** Floracious Plus
  - 1mL 1mL 1mL 1mL 1mL 1mL 1mL 1mL 1mL 1mL

- **Flush** FloraKleen
  - 1mL 1mL 1mL 1mL 1mL 1mL 1mL 1mL 1mL 1mL

- **Defense** Armor Si
  - 0.5mL 1mL 1.5mL 1.5mL 1.5mL 1.5mL 1.5mL 1.5mL 1.5mL 1.5mL

- **Weight** Diamond Nectar
  - 2.5mL 5mL 5mL 2.5mL 2.5mL 2.5mL 2.5mL 2.5mL 2.5mL 2.5mL

- **Aroma** FloraBlend
  - 5mL 5mL 5mL 2.5mL 2.5mL 2.5mL 2.5mL 2.5mL 2.5mL 2.5mL

- **Vigor** CALiMAGic
  - 1.5mL 2.5mL 2.5mL 2.5mL 2.5mL 2.5mL 2.5mL 2.5mL 2.5mL 2.5mL

- **Flavor** FloraNectar
  - 2.5mL 2.5mL 2.5mL 2.5mL 2.5mL 2.5mL 2.5mL 2.5mL 2.5mL 2.5mL

- **Ripening** Dry KoolBloom
  - 0.25mL

**Useful Conversions**

- 1 TSP = 5 mL
- 1 TBSP = 15 mL
- 1 oz = 30 mL
- 1 Qt = 946 mL
- 1 Gal = 3.785 L
- 1 Gal = 128 oz