three-part nutrient system

This feed program is a guide. Be sure to know the maximum PPM your plants can handle before feeding.

Do not premix concentrated nutrients, dilute in water only. Monitor plants for signs of stress when using full feed programs. See trouble shooting tips. PPM calculated using R.O. water and are subject to change otherwise.

### GP3 Basic Feeding Program

<table>
<thead>
<tr>
<th>Growth</th>
<th>Base Nutrient</th>
<th>Additives</th>
<th>PPM</th>
<th>EC</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>WEEK 1</strong></td>
<td>Seedlings</td>
<td>0.25ml</td>
<td>0.5ml</td>
<td>0.25ml</td>
</tr>
<tr>
<td></td>
<td>Mild Vegetable</td>
<td>1.25ml</td>
<td>1ml</td>
<td>0.25ml</td>
</tr>
<tr>
<td></td>
<td>Aggressive Vegetable</td>
<td>1.25ml</td>
<td>1.25ml</td>
<td>1ml</td>
</tr>
<tr>
<td><strong>WEEK 2</strong></td>
<td>Transition Bloom</td>
<td>0.75ml</td>
<td>0.75ml</td>
<td>0.75ml</td>
</tr>
<tr>
<td></td>
<td>Early Bloom</td>
<td>0.25ml</td>
<td>1ml</td>
<td>1.5ml</td>
</tr>
<tr>
<td></td>
<td>Mid Bloom</td>
<td>0.25ml</td>
<td>1ml</td>
<td>1.5ml</td>
</tr>
<tr>
<td><strong>WEEK 3</strong></td>
<td>Late Bloom</td>
<td>-</td>
<td>1ml</td>
<td>2ml</td>
</tr>
<tr>
<td></td>
<td>Ripen</td>
<td>-</td>
<td>0.75ml</td>
<td>2ml</td>
</tr>
<tr>
<td><strong>WEEK 4</strong></td>
<td>Flush</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

### Troubleshooting Tips

Arid, bright, hot environments cause plants to consume more than if they are grown where it’s humid, dim, and cool. Therefore 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 GP pH adjusters to maintain nutrient pH between 5.8 - 6.5.

### Drain to Waste Tips

Keep nutrient solution temperature between 68 - 72°F (20 - 22°C) Allow 5% - 25% runoff during each irrigation. Consider fresh water irrigation after 1 - 3 nutrient applications. To flush, 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 5.8 to 6.5.
Keep nutrient solution temperature between 68 - 72° F (20 - 22° C)  
Change nutrient solution every 7 - 10 days and top off with fresh water between nutrient changes.  
Keep nutrient solution aerated.  
For best results maintain nutrient solution pH between 5.8 to 6.5.

**AMOUNTS PER LITRE**

**GP3 BASIC FEEDING PROGRAM**

<table>
<thead>
<tr>
<th>GP3 3-PART BASE B</th>
<th>GP3 GROW</th>
<th>GP3 MICRO</th>
<th>GP3 BLOOM</th>
<th>MASSIVE</th>
<th>LIQUID B-8</th>
<th>AUSSIE TONIC</th>
<th>FINISHER</th>
<th>PPM (PPM PER LITRE)</th>
<th>EC</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>WEEK 1</strong> GROWTH</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Seedlings</td>
<td>0.75ml</td>
<td>0.75ml</td>
<td>0.75ml</td>
<td>-</td>
<td>-</td>
<td>1ml</td>
<td>-</td>
<td>300 - 400</td>
<td>0.7</td>
</tr>
<tr>
<td><strong>WEEK 2</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mild Vegetative</td>
<td>2.75ml</td>
<td>2ml</td>
<td>0.75ml</td>
<td>-</td>
<td>-</td>
<td>1.25ml</td>
<td>-</td>
<td>900 - 1000</td>
<td>1.9</td>
</tr>
<tr>
<td><strong>WEEK 3</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Aggressive</td>
<td>2.75ml</td>
<td>2.75ml</td>
<td>1.5ml</td>
<td>-</td>
<td>-</td>
<td>1.5ml</td>
<td>-</td>
<td>1,150 - 1,250</td>
<td>2.4</td>
</tr>
</tbody>
</table>

**FOR ADDITIONAL WEEKS OF GROWTH REPEAT WEEK 3**

| **WEEK 1** BLOOM |         |           |           |         |            |              |          |                   |    |
| Transition Bloom  | 2ml     | 2ml       | 2ml       | 5ml     | 1.5ml      | 2ml          | -        | 1,100 - 1,200     | 2.3|
| **WEEK 2**       |         |           |           |         |            |              |          |                   |    |
| Early Bloom       | 0.75ml  | 2ml       | 3ml       | 5ml     | 1.5ml      | -            | -        | 1,250 - 1,350     | 2.6|
| **WEEK 3**       |         |           |           |         |            |              |          |                   |    |
| Mid Bloom         | 0.75ml  | 2ml       | 3ml       | 5ml     | 1.5ml      | -            | 2.5ml    | 1,250 - 1,350     | 2.6|
| **WEEK 4**       |         |           |           |         |            |              |          |                   |    |
| **WEEK 5**       |         |           |           |         |            |              |          |                   |    |

**FOR ADDITIONAL WEEKS OF BLOOM REPEAT WEEK 5**

| **WEEK 6** BLOOM |         |           |           |         |            |              |          |                   |    |
| Late Bloom        | -       | 2ml       | 4ml       | 5ml     | 1.5ml      | -            | 2.5ml    | 1,250 - 1,350     | 2.6|
| **WEEK 7**       |         |           |           |         |            |              |          |                   |    |
| -                | 2ml     | 4ml       | 5ml       | 1.5ml   | -          | 2.5ml        | 1,250 - 1,350 | 2.6|
| **WEEK 8**       |         |           |           |         |            |              |          |                   |    |
| Ripen            | -       | 1.25ml    | 4ml       | 5ml     | 1.5ml      | -            | 2.5ml    | 1,100 - 1,200     | 2.3|
| **WEEK 9**       |         |           |           |         |            |              |          |                   |    |
| Flush            | -       | -         | -         | -       | 1.5ml      | -            | 2.5ml    | 0 - 100           | 0.1|

**TROUBLESHOOTING TIPS**

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**RECIRCULATING TIPS**

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