## Monarda (Bee Balm)

<table>
<thead>
<tr>
<th>20ct Plug</th>
<th>72ct Plug</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Container:</strong></td>
<td><strong>Container:</strong></td>
</tr>
<tr>
<td>Trade 1 Gallon Container</td>
<td>Premium 1 Gallon Pot</td>
</tr>
<tr>
<td><strong>Finish:</strong></td>
<td><strong>Finish:</strong></td>
</tr>
<tr>
<td>7-9 weeks</td>
<td>8-10 weeks</td>
</tr>
<tr>
<td><strong>When To Plant:</strong></td>
<td><strong>When To Plant:</strong></td>
</tr>
<tr>
<td>Late winter to spring</td>
<td>Late summer</td>
</tr>
</tbody>
</table>

### Growing Temperature:
- Rooting out: 62-68°F
- Growing: 65-72°F

### EC Level:
1.5-2.5 pour through method

### Vernalization:
Cold beneficial, provide 9 weeks of cold for consistent flowering.

### Pests and Diseases:
- Aphids, spider mites, thrips and whiteflies.
- Cercospora leaf spot, powdery mildew, Rhizoctonia crown rot, and rust.
- Spacing and good air circulation is helpful against some diseases such as powdery mildew. Hand watering is also recommended so the foliage is less likely to get wet often.

### PGRs/Pinching:
Pinch 2 weeks after transplanting to promote branching.
If height control is necessary, spray applications using a tank mixture of daminozide (B-Nine, Dazide) at 2,000 ppm and uniconazole (Concise, Sumagic) at 3 ppm will provide adequate control.

### Holding Temperature:
50°F outdoors

### Soil pH:
5.8-6.4

### Fertility:
Monarda are moderate feeders and perform best using a constant liquid fertilization program at 75-100ppm or higher rates of 150-200ppm as needed.

### Potting and Timing:
For best results plant monarda during the summer months, bulk up and sell the following spring.

### Moisture:
Performs best in moist well drained soil. Don't allow the soil to dry out.

### Planting Level:
Plant crowns at soil level or just below.

### Lighting:
Requires long days for flowering. Grow under high light levels.