



Ball Flora Plant
Research & Development

725 Zenon Way
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Salvia Mystic Spires Ipod

California Spring 2017

BallFloraPlant

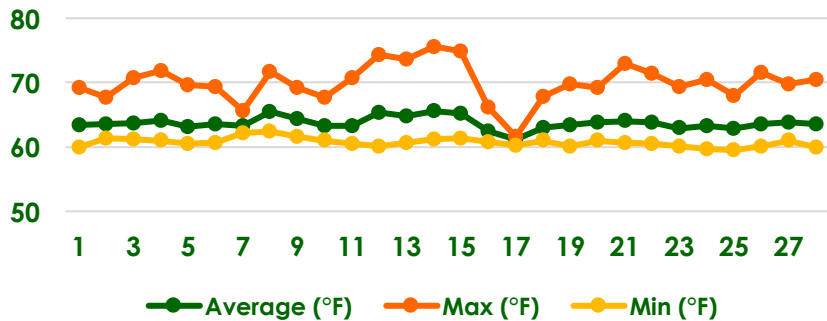
Salvia Mystic Spires Ipd Spring 2017

- Tray size: 102
 - **Stick: Week 3**
 - Pinch: Week 9
 - Transplant: Week 10
 - PGR Application: Wk 12 (B-9) & Wk 15 (Bonzi)
 - Finish: Week 17
 - **Total crop time: 14 Weeks**
 - Soil pH: 5.8 (ideal pH 5.8-6.2)
 - Fertilizer 17-5-17 (200 ppm N)
 - Container Size: 1 Quart
- **Treatments:**
 1. Control, No PGR
 2. B-Nine 2,500 ppm spray
 3. B-Nine 2,500/Cycocel 750 ppm
 4. Bonzi 1 ppm Drench

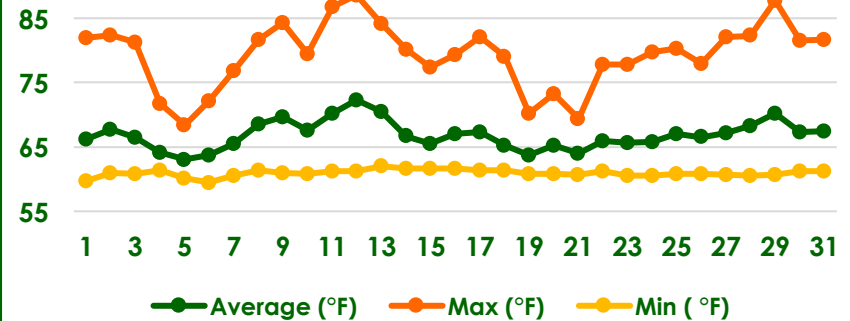


Average Temperatures

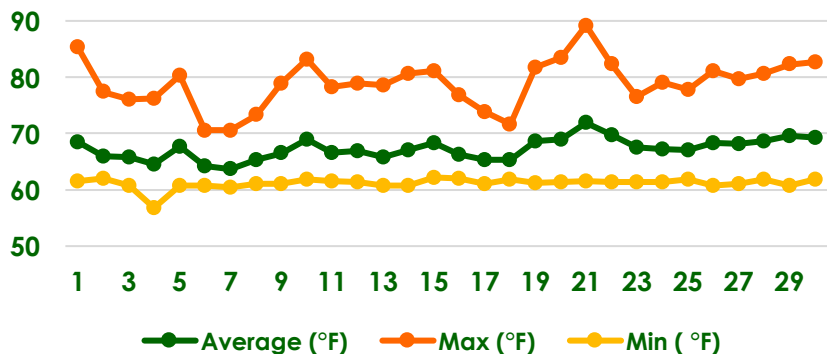
February Temperatures - 2017



March Temperatures - 2017



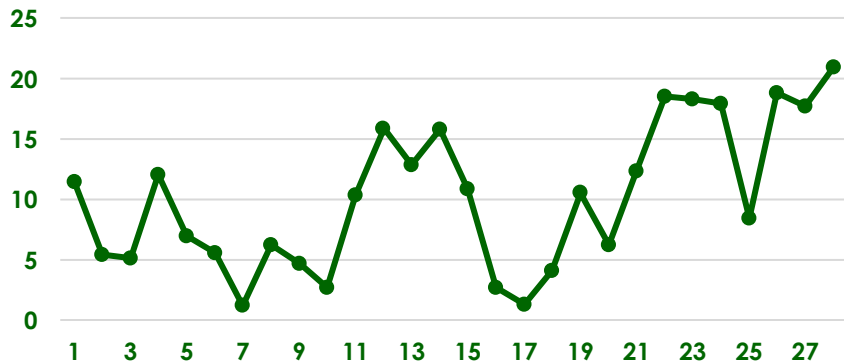
April Temperatures - 2017



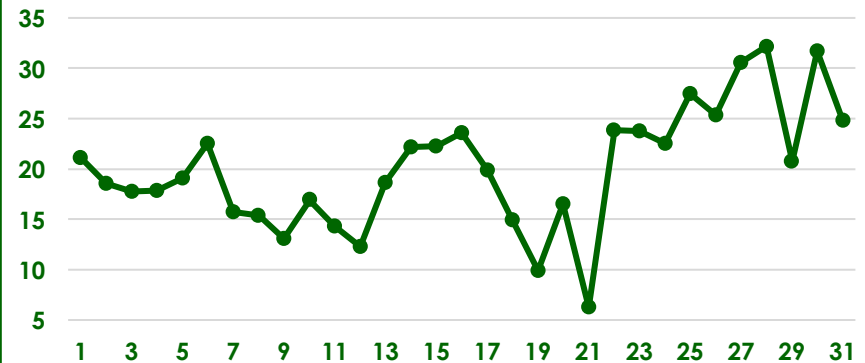
| Average Temperatures | | | |
|----------------------|--------------|----------|----------|
| Month | Average (°F) | Max (°F) | Min (°F) |
| February | 64 °F | 70 °F | 61 °F |
| March | 67 °F | 79 °F | 66 °F |
| April | 67 °F | 79 °F | 61 °F |

Average Moles

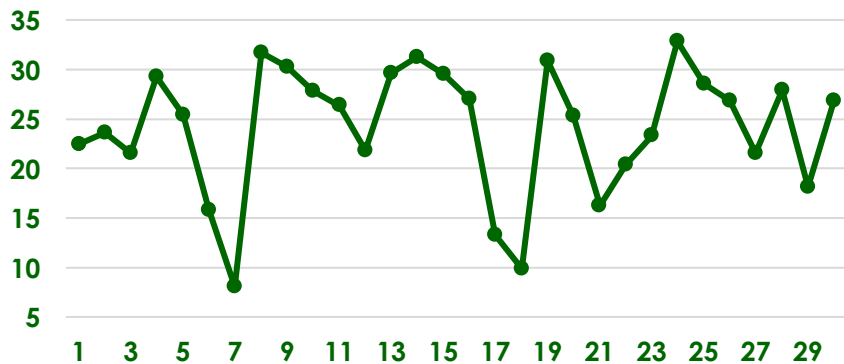
February 2017 - Average mol/m²d⁻¹



March 2017 - Average mol/m²d⁻¹



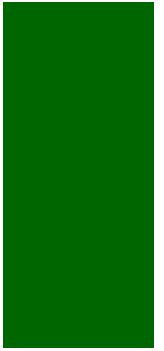
April 2017 - mol/m²d⁻¹



Average Moles:

- February: 10.2 mol/m²d⁻¹
- March: 20.1 mol/m²d⁻¹
- April: 24.1 mol/m²d⁻¹

5 Weeks After Transplant Mystic Spires Ipd



Control



B-Nine 2,500 ppm



B-Nine 5,000 ppm

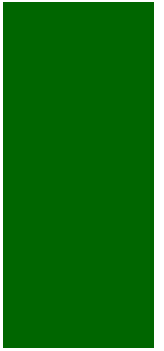


B-Nine 2,500/
Cycocel 750 ppm



Bonzi 1 ppm

7 Weeks After Transplant Mystic Spires Ipd



Control/No PGR

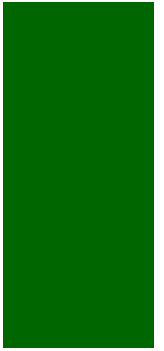
B-Nine 2,500 ppm

B-Nine 5,000 ppm

B-Nine 2,500/
Cycocel 750 ppm

Bonzi 1 ppm

9 Weeks After Transplant Mystic Spires Ipd



Control

B-Nine 2,500 ppm

B-Nine 5,000 ppm

B-Nine 2,500/
Cycocel 750 ppm

Bonzi 1 ppm

Mystic Spires Ipd Best Cultural Practice

Recommendation

- Salvia Mystic Spires Improved will have the need for some control.
- B-Nine 2,500 ppm spray application, 2 weeks after transplant helped toned plant.
- Bonzi 1 ppm drench, 5 weeks after transplant provided the best control with minimal flower delay.
- Higher rates will achieve more control, but may delay flowering.