



Ball Flora Plant
Research & Development

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West Chicago Mystic Spires Ipd Best Cultural Practices

West Chicago Spring 2017

BallFloraPlant

Salvia Mystic Spires Ipd Spring 2017

- Tray size: 102
 - **Stick: Week 4**
 - Pinch: Week 12
 - Transplant: Week 12
 - PGR Application: Wk 14
 - Finish: Week 18
 - **Total crop time: 14 weeks from stick**
 - 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 – Week 12
 3. B-Nine 5,000 ppm – Week 14
 4. B-Nine 2,500/Cycocecel 750 ppm – Week 14
 5. Bonzi 1 ppm Drench – Week 16



Average Temperatures

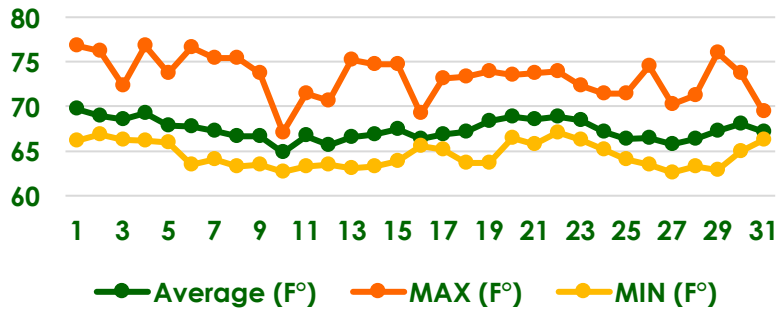
Jan Avg 67.3°, Max 76.8°, Min 62.6°

Mar Avg 69.4°, Max 88°, Min 62.2°

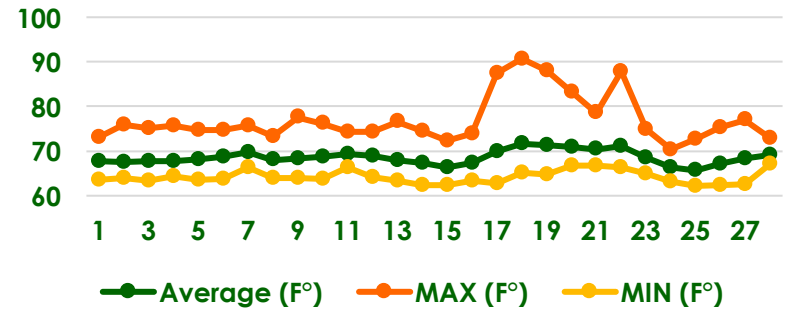
Feb Avg 68.5°, Max 90.7°, Min 62.2°

Apr Avg 71.2°, Max 88.2°, Min 62.6°

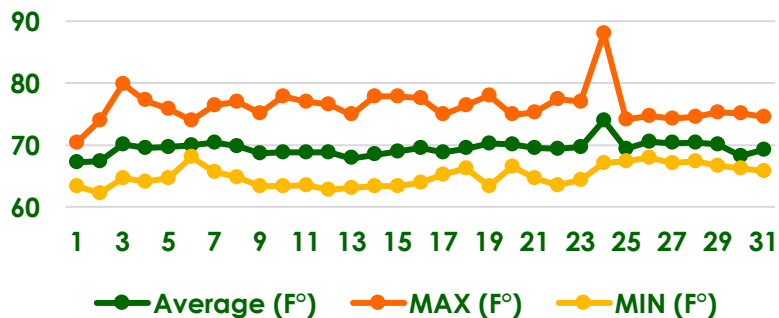
January Temperature - 2017



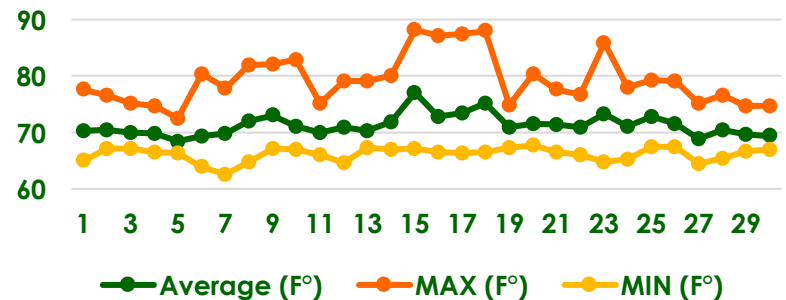
February Temperatures - 2017



March Temperatures - 2017

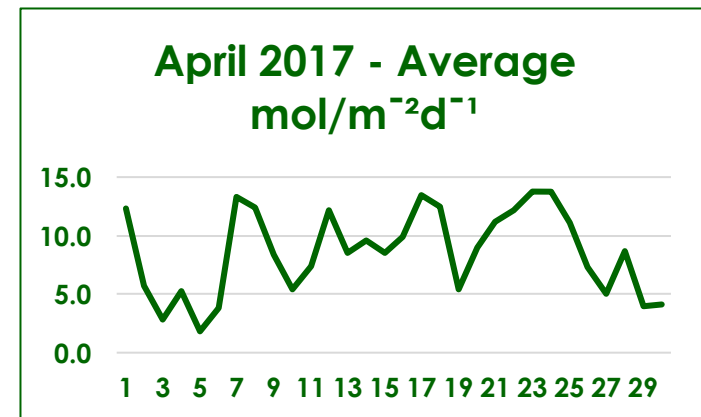
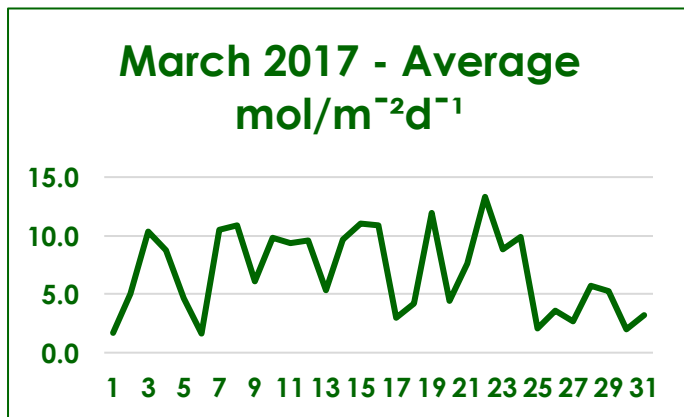
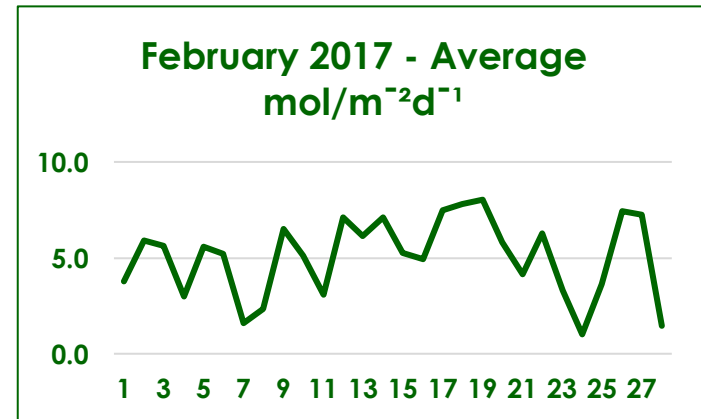
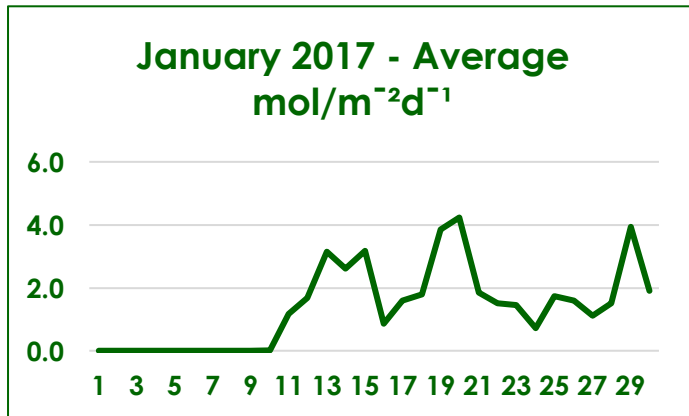


April Temperatures - 2017



Average moles

January: 1.4 February: 4.7 March: 6.9 April: 8.6



At Transplant Week 12

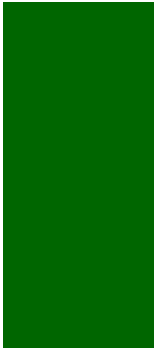


Mystic Spires Ipdx



IMG_0589

Mystic Spires Ipd 16 Weeks After Stick



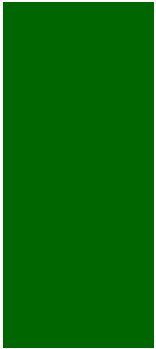
Control

B-Nine 2,500 ppm

B-Nine 5,000 ppm

B-9 2,500/CCC 750
ppm

Bonzi 1 ppm



Mystic Spires Ipd
Bonzi 1 ppm, B-Nine 2,500/Cycocel 750 ppm

Salvia Mysty and Mystic Spires IPD Spring 17' West Chicago Best Cultural Practice

Mystic Spires Ipd

- Salvia Mystic Spires Improved will need some control.
- Very responsive to PGR's
- B-Nine and B-Nine/Cycocel tank mix sprays delayed flowering and resulted in more compact habits.
- A Bonzi 1 ppm drench provide adequate growth control without any major flower delay.