



# Salvia Mysty and Mystic Spires Ipd

Minimum culture Standards

Fall 2017

Ball Flora Plant  
Research & Development

622 Town Road  
West Chicago, IL  
60185-2698

BallFloraPlant

# Salvia Mysty and Mystic Spires

## Minimum Culture Standards

### Data Points

- Tray Size: 78 (30mm liner)
- Stick Date: Week 33
- Pinch: Week 36
- Transplant: Week 38
- Finish: Week 46
- Total Crop Time: 13 Weeks
- Fertilizer: 14-4-14 (200 ppm N)

Cutting



Liner



1 Gallon

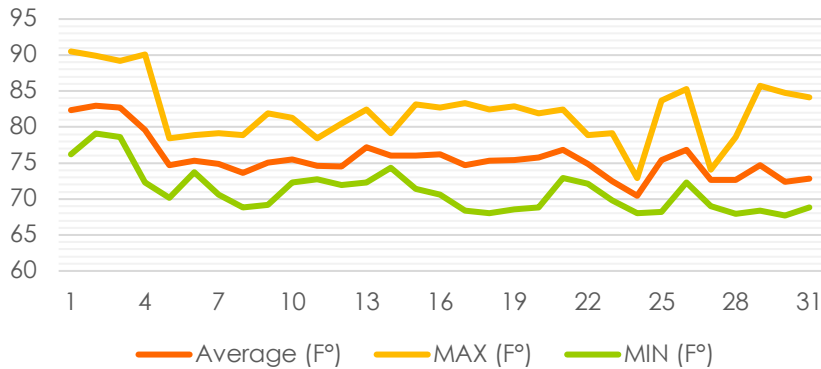


Mysty

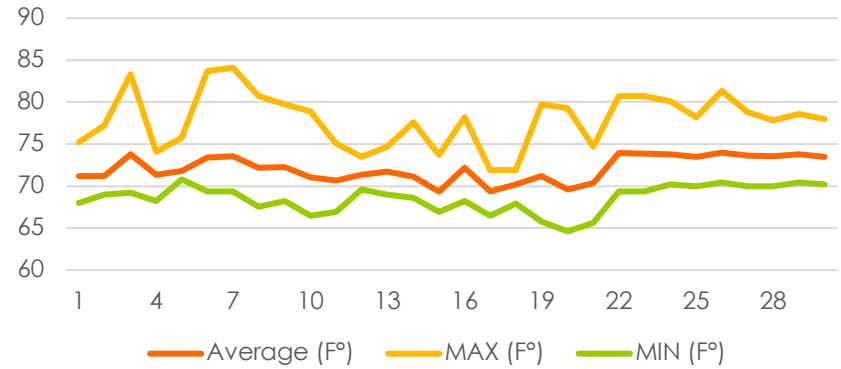
# Average Temperatures

**Aug** Avg 73°, Max 93°, Min 62.6°    **Sept** Avg 72°, Max 83°, Min 67°  
**Oct** Avg 75.6°, Max 90.5°, Min 67.7°    **Nov** Avg 72°, Max 84.1°, Min 64.6°

October Temperatures - 2017



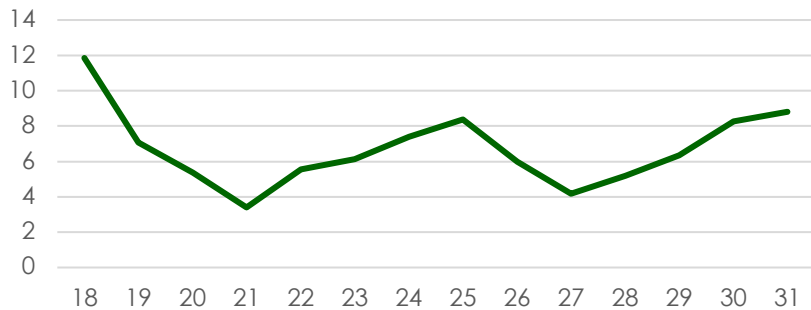
November Temperatures - 2017



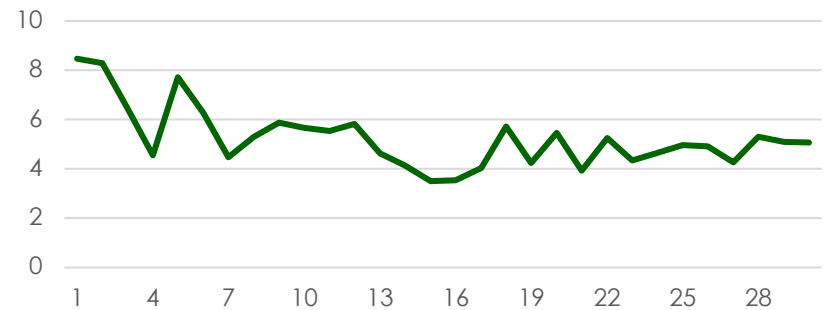
# Average moles

August: 6.7 September: 5.2 October: 4.7 November: 2.9

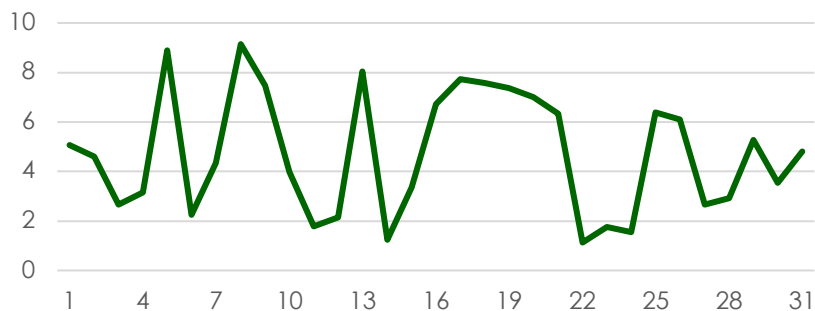
August 2017 - Average  
 $\text{mol/m}^{-2}\text{d}^{-1}$



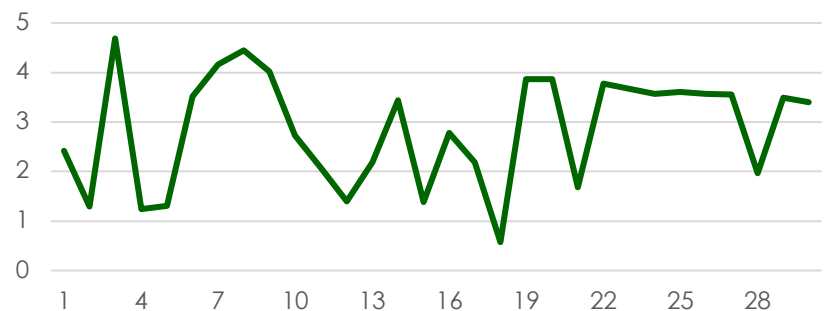
September 2017 - Average  
 $\text{mol/m}^{-2}\text{d}^{-1}$



October 2017 - Average  
 $\text{mol/m}^{-2}\text{d}^{-1}$



November 2017 - Average  
 $\text{mol/m}^{-2}\text{d}^{-1}$



# Mysty and Mystic Spires Ipd PGR Applications

<u>Treatments</u>	<u>Timing</u> (after transplant)
• Pinch/No PGR	
• Pinch/B-Nine 2500ppm	2 weeks
• Pinch/B-Nine 2500ppm Cycocel 750ppm	2 weeks
• Pinch/B-Nine 5000ppm	2 weeks
• Pinch/Bonzi 1ppm Drench	2 weeks

# Mysty and Mystic Spires Ipd

## PGR Applications week 40

(2 weeks after transplant)



Mysty



Mystic Spires Ipd

# Finished Gallons

Week 46 (total crop time 13 weeks)

## Mysty



Pinch/No PGR



B-Nine 2500ppm



B-Nine 5000ppm



B-Nine 2500ppm/  
Cycocel 750ppm



Bonzi 1ppm

# Finished Gallons

Week 46 (total crop time 13 weeks)

## Mystic Spires Ipd



Pinch/No PGR



B-Nine 2500ppm



B-Nine 5000ppm



B-Nine 2500ppm/  
Cycocel 750ppm



Bonzi 1ppm



# Salvia Mysty and Mystic Spires

## Minimum Culture Standards

- Salvia Mysty and Mystic Spires can be successfully grown during late summer as a fall crop.
- An application of 2500ppm B-Nine or a B-Nine/Cycocel (2500/750ppm) tank mix may be used to produce a more toned crop.
- A drench application of Bonzi at 1ppm promoted better branching habits for the Mysty variety.
- Mystic Spires is more susceptible to effects of PGRs than Mystic Spires Improved.