



Ball FloraPlant
Research & Development

725 Zenon Way
Arroyo Grande, CA 93420
(805) 489-0228

Sky Petunia Culture Trial 2020

selecta^{one}

Sky Petunia Culture Trial 2020

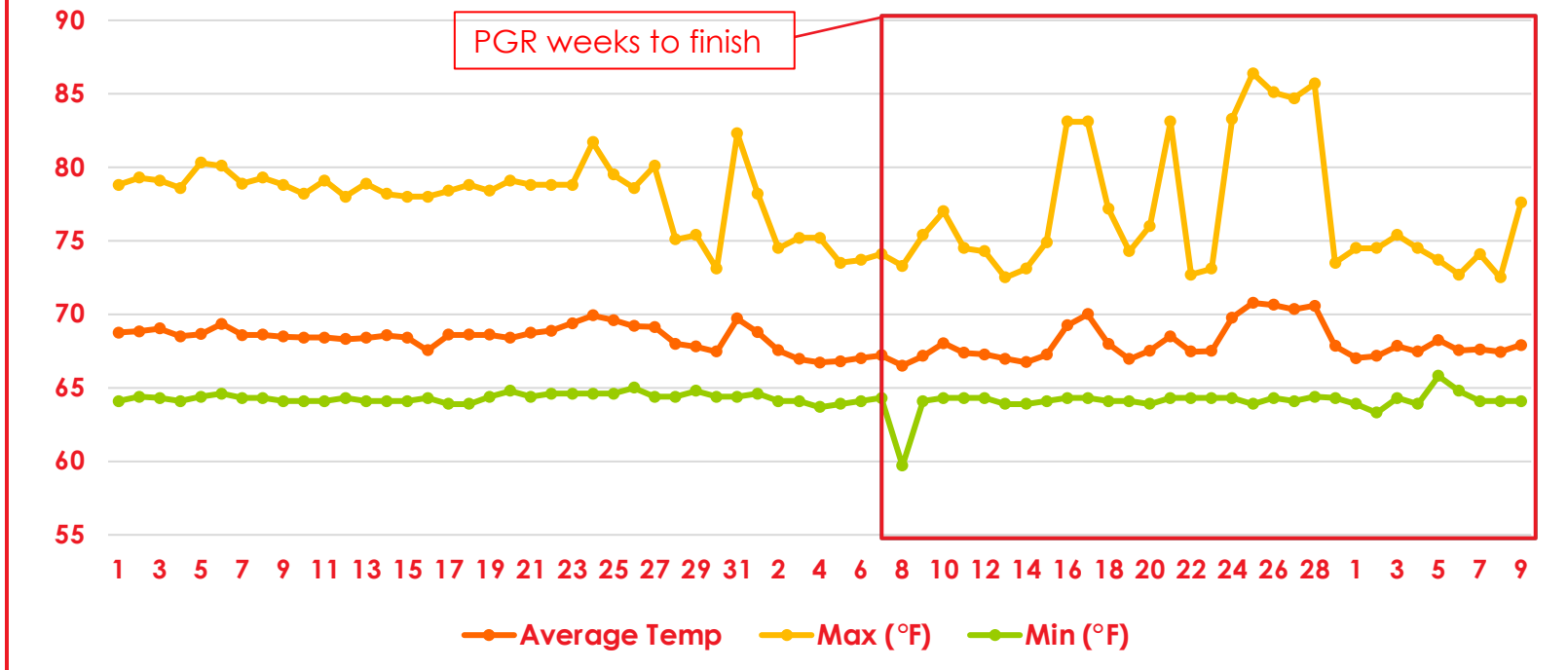
- Tray size: 102
 - **Stick: Week 52**
 - Pinch: Week 4
 - Transplant: Week 4
 - PGR application: Week 7, 9
 - Finish: Week 11
 - **Total crop time: 11 weeks**
 - Soil pH: 5.8 (ideal pH 5.8-6.2)
 - Fertilizer: 17-5-17 (200 ppm N)
 - Container size: 1 gallon
- **Treatments: Applied two weeks after transplant**
 1. Control (No PGR)
 2. B-Nine 3,000 ppm (Week 7)
 3. B-Nine 3,000/Cycocel 750 (Week 7)
 4. Bonzi 2 ppm Drench (Week 9)



Average Temperatures January – March 2020

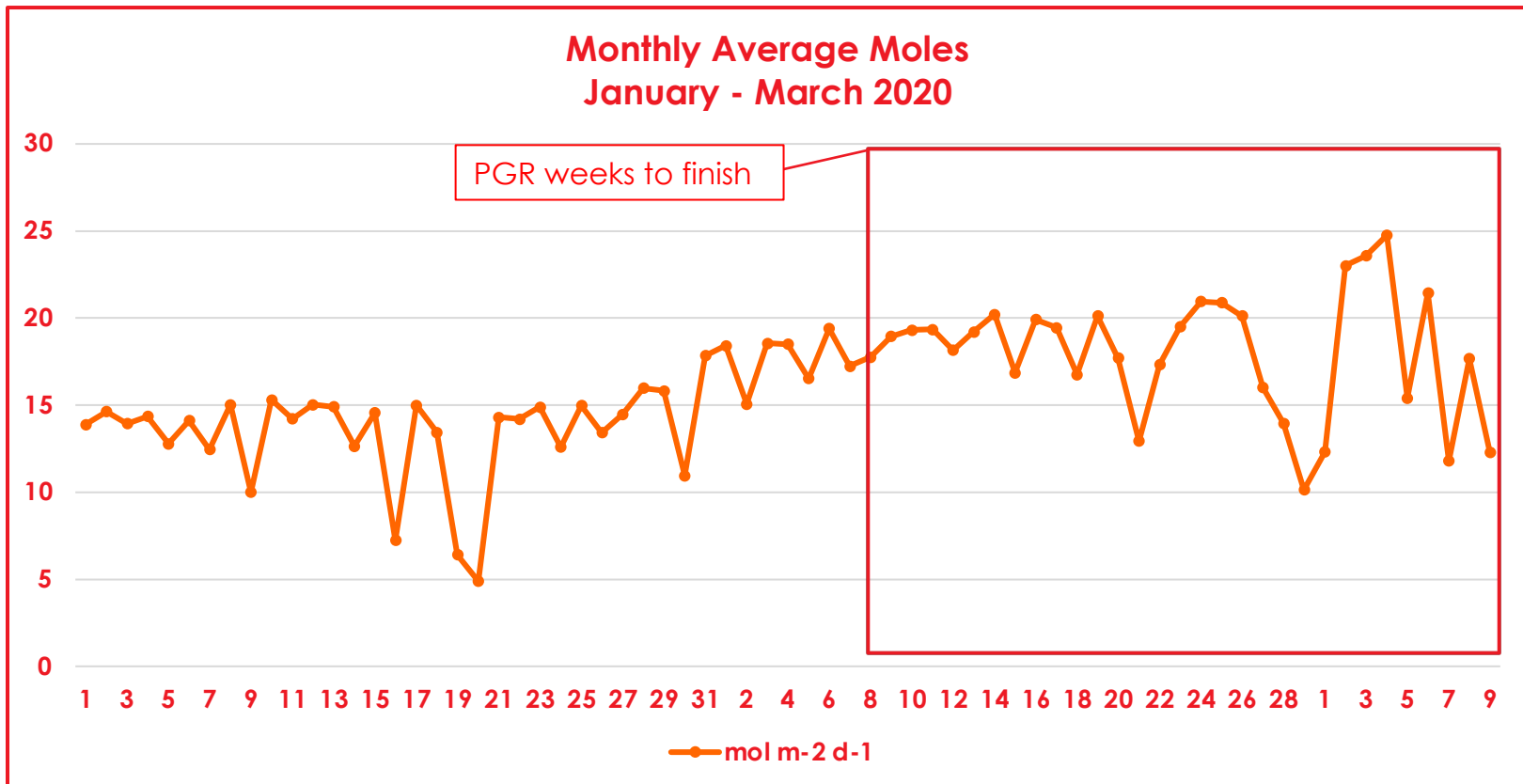
Month	Average (°F)	Max (°F)	Min (°F)
January	68.7	78.7	64.4
February	68.1	77.3	64.0
March	66.9	74.4	62.7

Monthly Average Temperatures January - March 2020



Average Moles:

- January: 13.4 mol/m²d⁻¹
- February: 17.9 mol/m²d⁻¹
- March: 20.0 mol/m²d⁻¹



Headliner Night Sky



Control (No PGR)



B-Nine 3,000 ppm



B-Nine 3,000/Cycocel 750 ppm



Bonzi 2 ppm (D)

Headliner Pink Sky



Control (No PGR)



B-Nine 3,000 ppm



B-Nine 3,000/Cycocel 750 ppm



Bonzi 2 ppm (D)

Headliner Electric Purple Sky



Control (No PGR)



B-Nine 3,000 ppm



B-Nine 3,000/Cycocel 750 ppm



Bonzi 2 ppm (D)

Headliner Crystal Sky



Control (No PGR)



B-Nine 3,000 ppm



B-Nine 3,000/Cycocel 750 ppm



Bonzi 2 ppm (D)

Main Stage Glacier Sky



Control (No PGR)



B-Nine 3,000 ppm



B-Nine 3,000/Cycocel 750 ppm



Bonzi 2 ppm (D)

Headliner Starry Sky Burgundy



Control (No PGR)



B-Nine 3,000 ppm



B-Nine 3,000/Cycocel 750 ppm



Bonzi 2 ppm (D)

Sky Petunia Culture Trial 2020



Sky Petunia Culture Trial 2020



Control (No PGR)

B-Nine 3,000 ppm

B-Nine 3,000 ppm/
Cycocel 750 ppm

Bonzi 2 ppm (D)

Sky Petunia Culture Trial 2020

- Bonzi 2 ppm (D) five weeks after transplant achieved the best growth control. This produced a larger and more toned plant with the least amount of delay in blooming and best display of spotting on the blooms.
- Control (No PGR) group grew well. In the later stages of growth, plants opened up and looked less toned than the other treatments.
- B-Nine 3,000 and B-Nine 3,000/Cycocel 750 ppm (S) applications, three weeks after transplant, caused extreme flower delay, stunted growth and produced excessive white on the flowers. This treatment should not be used.
- B-Nine 3,000 ppm (S) applications, three weeks after transplant, caused extreme flower delay, stunted growth and produced excessive white on the flowers. This treatment should not be used.

* Multiple factors are at play when considering Sky Petunia best practices. Consider daily max/min temperatures before applying PGR to achieve the best display of spotting on flowers.