



Ball Flora Plant
Research & Development

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Galaxy Geranium Minimum Culture Standards

Spring 2018

Ball Flora Plant

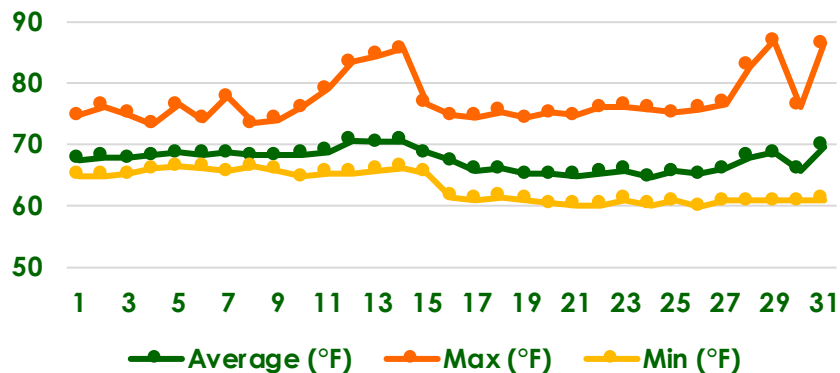
Galaxy Geranium Minimum Culture Standards 2018

- Tray size: 102
- **Stick: Week 1**
- Pinch: No Pinch
- Transplant: Week 4
- PGR Application: Week 3 and week 7
- Finish: Week 13
- **Total crop time: 12 Weeks**
- Soil pH: 5.8 (ideal pH 5.8-6.2)
- Fertilizer 17-5-17 (200 ppm N)
- Container Size: 1 gallon container
- **Treatments: *Applied week 3 and week 7**
 1. Control, (No PGR)
 2. Florel 200 ppm (in propagation & after transplant)
 3. Florel 300 ppm (in propagation & after transplant)
 4. Cycocel 750 ppm (in propagation & after transplant)

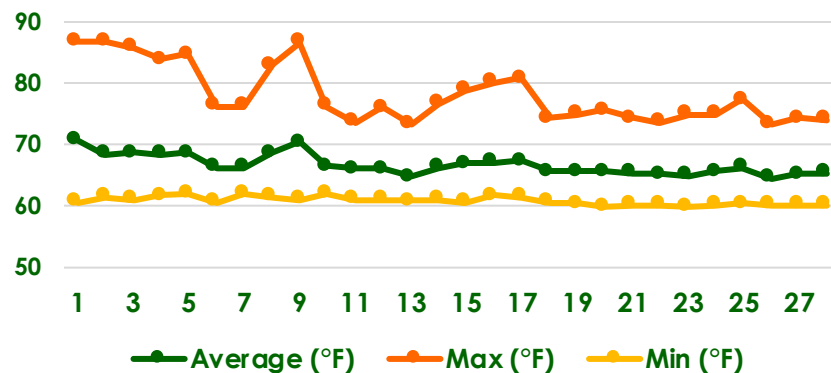
*** All treatments received a B-Nine 2,500/Cycocel 750 ppm spray application 7 weeks after transplant.**

Average Temperatures

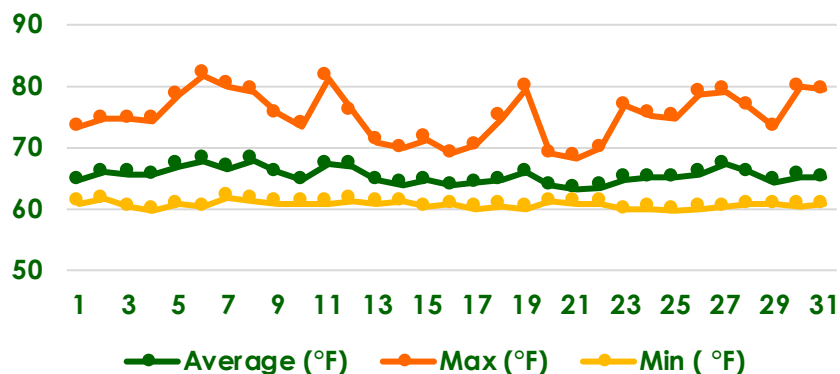
January Temperatures - 2018



February Temperatures - 2018



March Temperatures - 2018

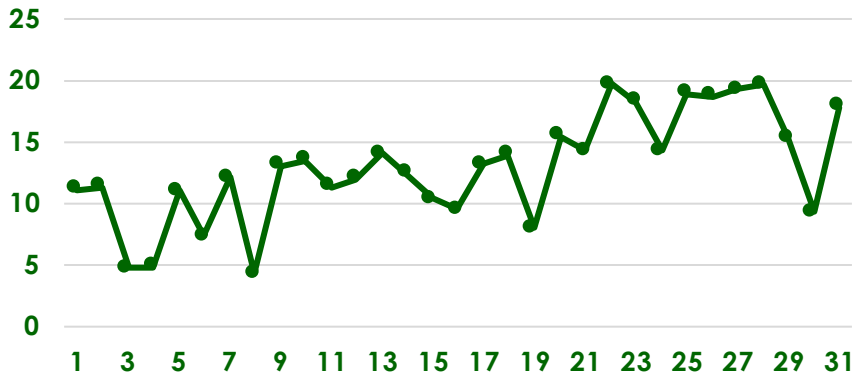


Average Temperatures

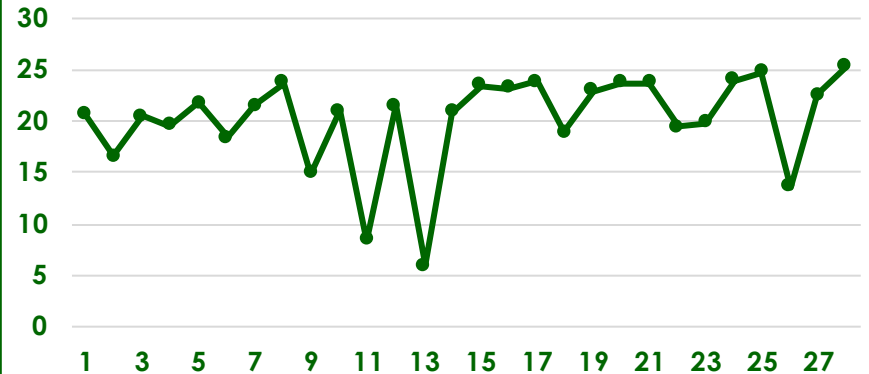
Month	Average (°F)	Max (°F)	Min (°F)
January	67.4	77.3	63.1
February	66.7	78.1	60.9
March	65.3	75.1	60.7

Average Moles

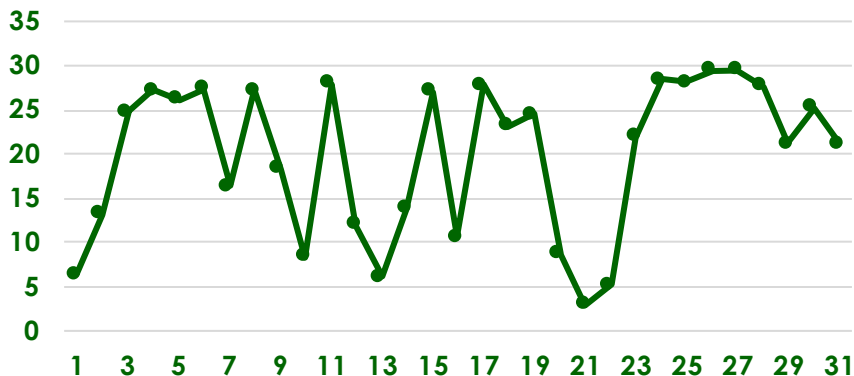
January 2018 - Average mol/m²d⁻¹



February 2018 - Average mol/m²d⁻¹



March 2018 - Average mol/m²d⁻¹

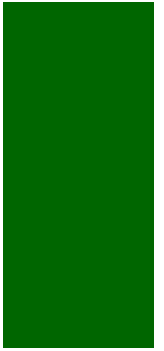


Average Moles:

- January: 12.9 mol/m²d⁻¹
- February: 20.2 mol/m²d⁻¹
- March: 19.9 mol/m²d⁻¹

Galaxy Red

9 Weeks after transplant



Control (No PGR)

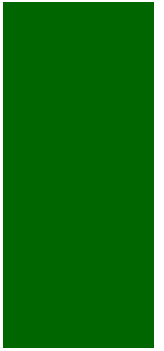
Florel 200 ppm

Florel 300 ppm

Cycocel 750 ppm

Galaxy Dark Red

9 Weeks after transplant



Control (No PGR)

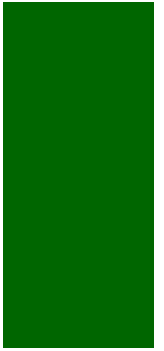
Florel 200 ppm

Florel 300 ppm

Cycocel 750 ppm

Galaxy Violet

9 Weeks after transplant



Control (No PGR)

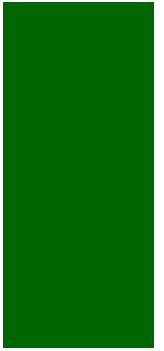
Florel 200 ppm

Florel 300 ppm

Cycocel 750 ppm

Galaxy Pink

9 Weeks after transplant



Control (No PGR)

Florel 200 ppm

Florel 300 ppm

Cycocel 750 ppm

Galaxy Geranium Minimum Culture Standards Spring 2018

- Control treatments grew well without the need of florel, only received a B-Nine 2,500/Cycocel 750 ppm spray application 7 weeks after transplant to tone.
- Florel 200 ppm spray application treatments, in the liner and after transplant, developed a well-toned plant.
- Florel 300 ppm spray applications produced a more toned plant, with some flower delay.
- Cycocel 750 ppm spray application slightly toned plant with minimal flower delay.
- All treatments were applied week 3 (to liners) and week 7 (3 weeks after transplant).
 - All treatments received a B-Nine 2,500/Cycocel 750 ppm spray application 7 weeks after transplant.