

Conga Best Practices

Spring 2017

Ball Flora Plant
Research & Development

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Ball FloraPlant

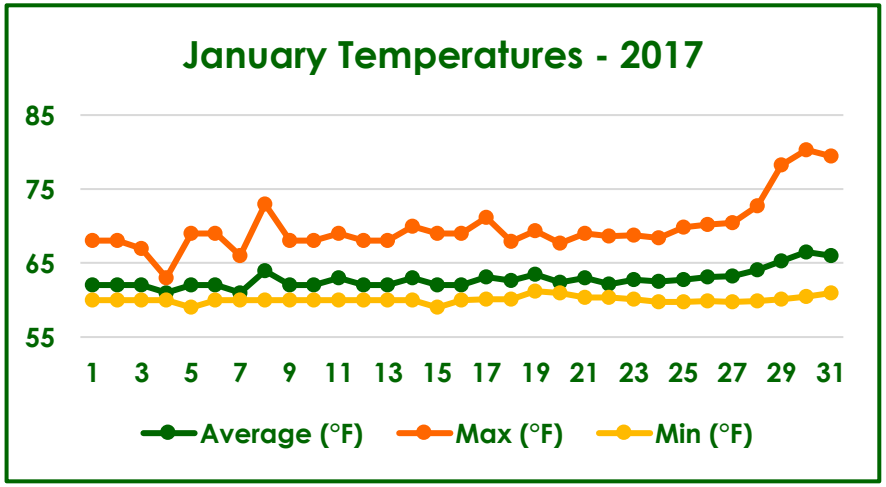
Calibrachoa Conga
Best Cultural Practice Spring 2017

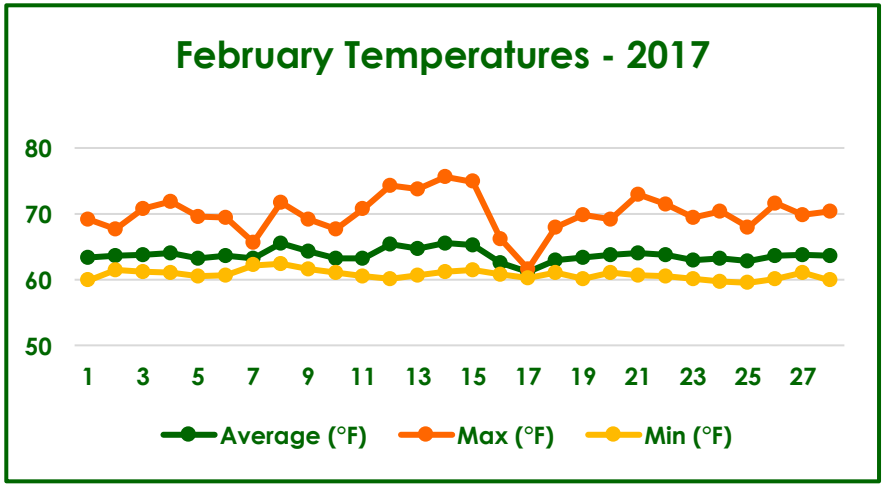
- Tray size: 72 (35 mm Liner)
- **Stick: Week 48**
- Pinch & Transplant: Week 1
- PGR Applications:
  - B-Nine applications, week 7
  - Bonzi applications, week 8
- Finish: Week 11
- **Total crop time: 15 weeks**
- Soil pH: 5.8 (ideal pH 5.8-6.2)
- Fertilizer 17-5-17 (200 ppm N)
- Container Size: 1 Quart

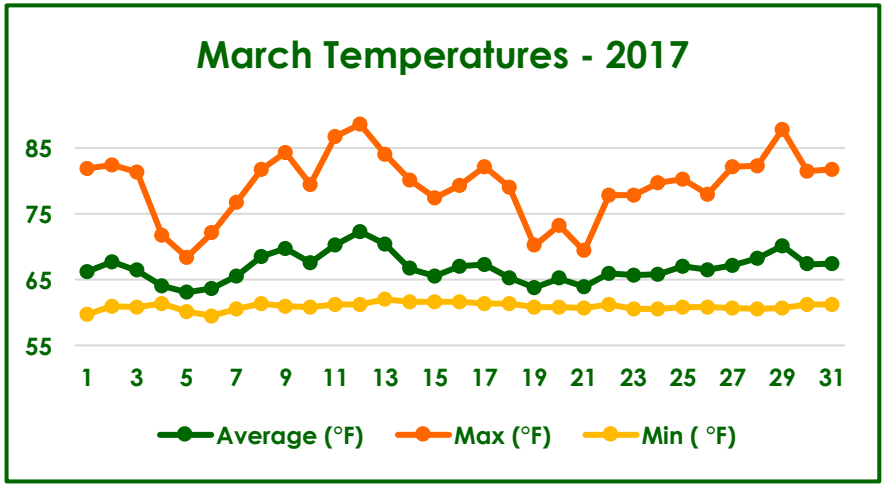
- **Treatments**:
  1. No Pinch, No PGR
  2. Pinch, No PGR
  3. No Pinch, B-Nine 2,500 ppm
  4. Pinch, B-Nine 2,500 ppm
  5. No Pinch, B-Nine 2,500/Cycocel 750 ppm
  6. Pinch, B-Nine 2,500/Cycocel 750 ppm
  7. No Pinch, Bonzi 1 ppm
  8. Pinch, Bonzi 1 ppm

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Average Temperatures



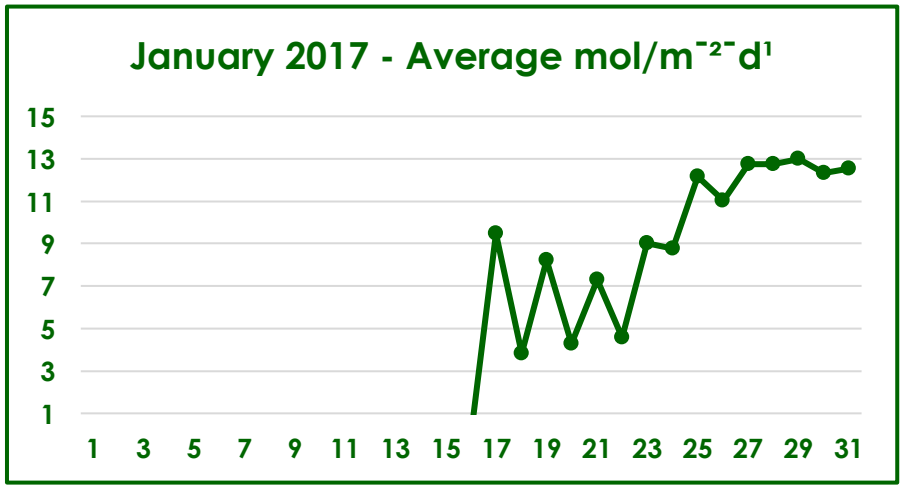


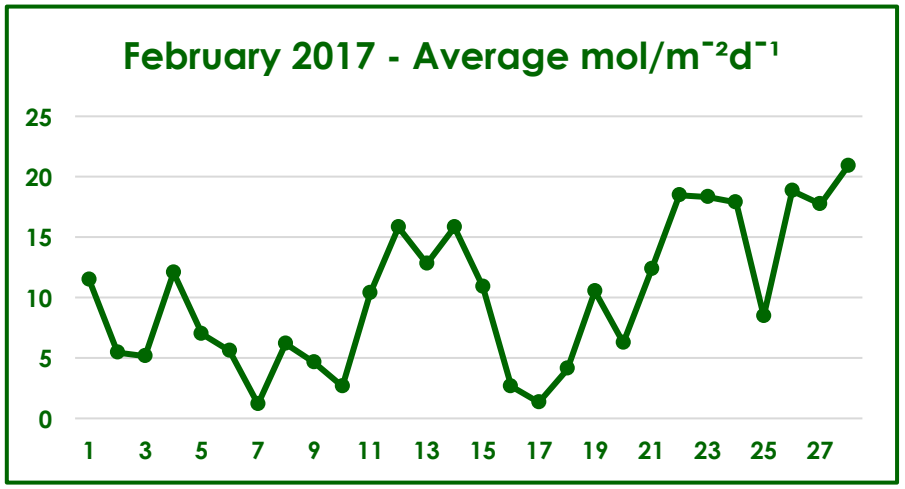


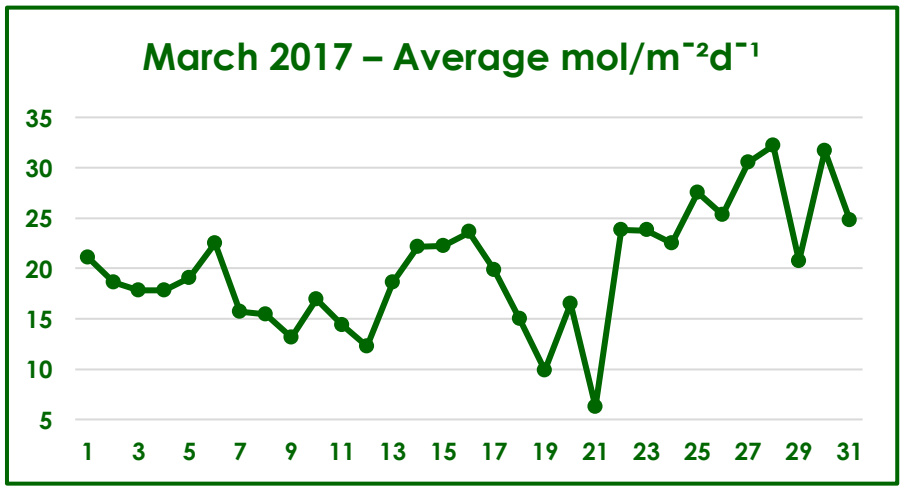
Average Temperatures			
Month	Average (°F)	Max (°F)	Min (°F)
January	63 °F	70 °F	60 °F
February	64 °F	70 °F	61 °F
March	67 °F	79 °F	61 °F

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Average Moles







Average Moles:

- January: 9.5 mol/m^{-2}d^{-1}
- February: 10.2 mol/m^{-2}d^{-1}
- March: 20.1 mol/m^{-2}d^{-1}

Bali FloraPlant

6 Weeks After Transplant

At time of B-Nine application

No Pinch



Conga Yellow



Conga Sun Kiss



Conga Rose Kiss Ipd



Conga Red

Ball FloraPlant

6 Weeks After Transplant

At time of B-Nine applications

Pinch



Conga Yellow



Conga Sun Kiss



Conga Rose Kiss



Conga Red

Ball FloraPlant

8 Weeks After Transplant
At time of Bonzi 1 ppm Drench
No Pinch



Conga Yellow



Conga White



Conga Rose Kiss Ipd



Conga Red

Ball FloraPlant

8 Weeks After Transplant
At time of Bonzi 1 ppm Drench
Pinch



Conga Yellow



Conga White



Conga Rose Kiss Ipd



Conga Red

Ball FloraPlant

10 Weeks After Transplant
No Pinch, No PGR


Conga Yellow


Conga White


Conga Sun Kiss


Conga Coral Kiss


Conga Rose Kiss Ipd


Conga Lavender


Conga Red

Ball FloraPlant

10 Weeks After Transplant
Pinch, No PGR


Conga Yellow


Conga White


Conga Sun Kiss


Conga Coral Kiss


Conga Rose Kiss Ipd


Conga Lavender


Conga Red

Ball FloraPlant

10 Weeks After Transplant Pinch, B-Nine 2,500 ppm



Conga Red

10 Weeks After Transplant
No Pinch, Bonzi 1 ppm Drench


Conga Yellow


Conga White


Conga Sun Kiss


Conga Coral Kiss


Conga Rose Kiss Ipd


Conga Lavender


Conga Red

Ball FloraPlant

10 Weeks After Transplant
Pinch, Bonzi 1 ppm Drench


Conga Yellow


Conga White


Conga Sun Kiss


Conga Coral Kiss


Conga Rose Kiss Ipd


Conga Lavender


Conga Red

Ball FloraPlant

Best Cultural Practice

Best Practice

- Calibrachoa Conga varieties were succesfully grown with No Pinch/No PGR..
- B-Nine treatments generally delayed flowering on most varieties.
- For growers that want to use PGRs, I would recommend applying a late Bonzi 1 ppm drench.
  - Will tone and help line the series up, but not drastically delay flowering like B-Nine treatments.

Option

- A pinch at transplant improved branching, flowering and lined them up with Conga series habit wise.
- Conga Red
  - A B-Nine 2,500 ppm spray or Bonzi 1 ppm Drench, 6 weeks after transplant toned plant to match other congas.

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