



Ball Flora Plant  
Research & Development

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# Cabaret Best Practices

Spring 2017

Ball FloraPlant

# Calibrachoa Cabaret

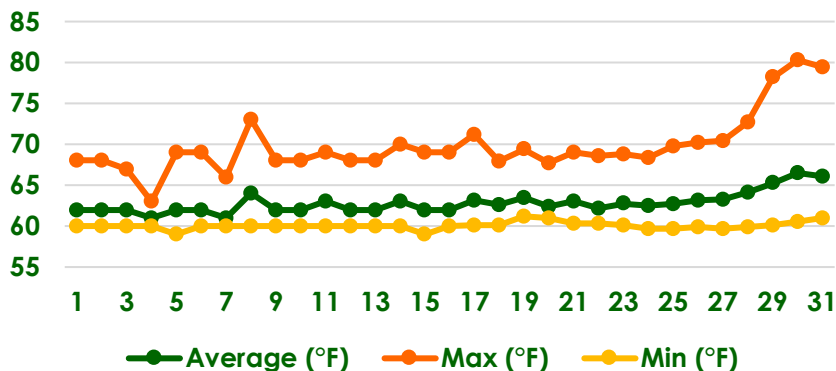
## Best Cultural Practice Spring 2017

- Tray size: 72 (35 mm Liner)
  - **Stick: Week 48**
  - Pinch: Week 52
  - Transplant: Week 1
  - PGR Applications:
    - B-Nine applications, week 6
    - Bonzi 1 ppm drench, week 8
  - Finish: Week 11
  - **Total crop time: 15 weeks**
  - Soil pH: 5.8 (ideal pH 5.4-5.8)
  - Fertilizer 17-5-17 (200 ppm N)
  - Container Size: 1 Gallon
- **Treatments:**
    1. No Pinch, No PGR
    2. Pinch, No PGR
    3. Pinch, B-Nine 2,500 ppm
    4. Pinch, B-Nine 2,500/ Cycocel 750 ppm
    5. Pinch, Bonzi 1 ppm Drench

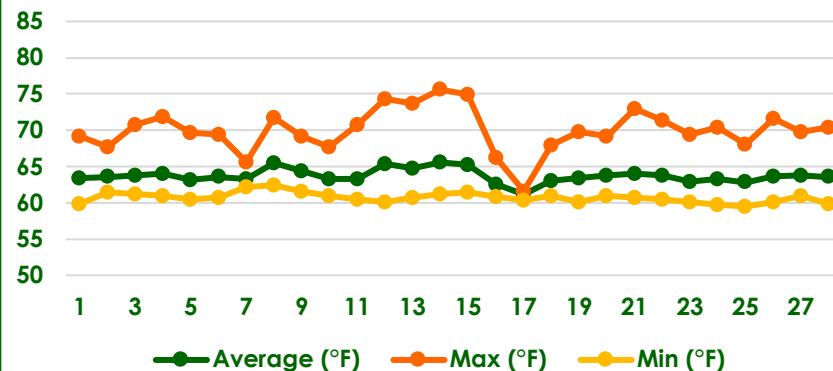


# Average Temperatures

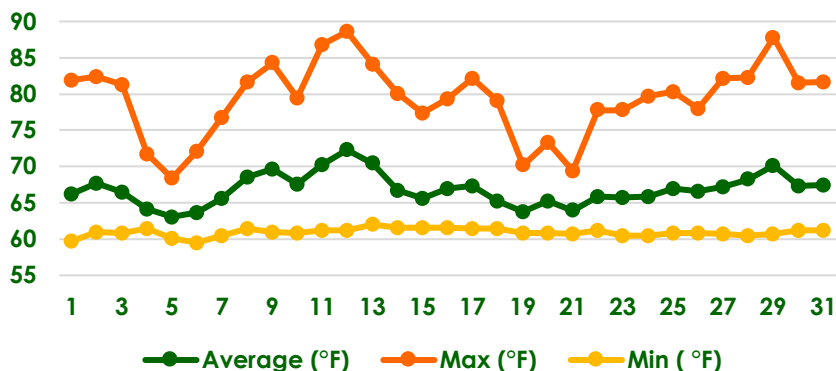
## January Temperatures - 2017



## February Temperatures - 2017



## March Temperatures - 2017

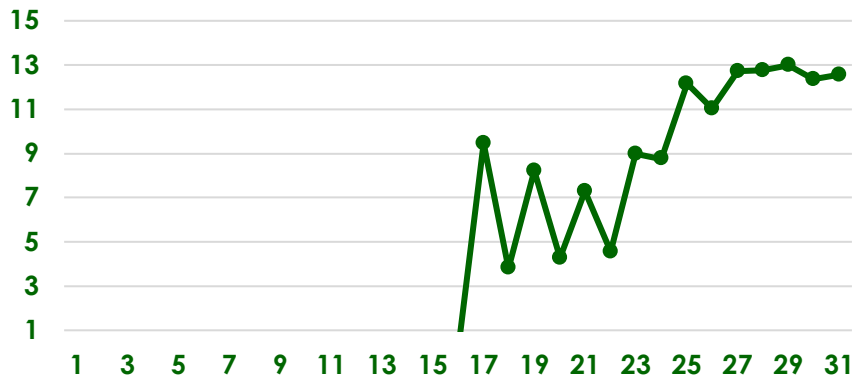


## Average Temperatures

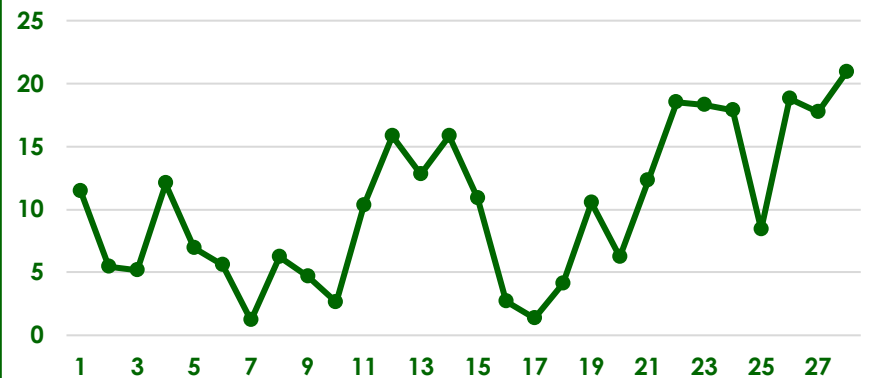
| Month    | Average (°F) | Max (°F) | Min (°F) |
|----------|--------------|----------|----------|
| January  | 63 °F        | 70 °F    | 60 °F    |
| February | 64 °F        | 70 °F    | 61 °F    |
| March    | 67 °F        | 79 °F    | 61 °F    |

# Average Moles

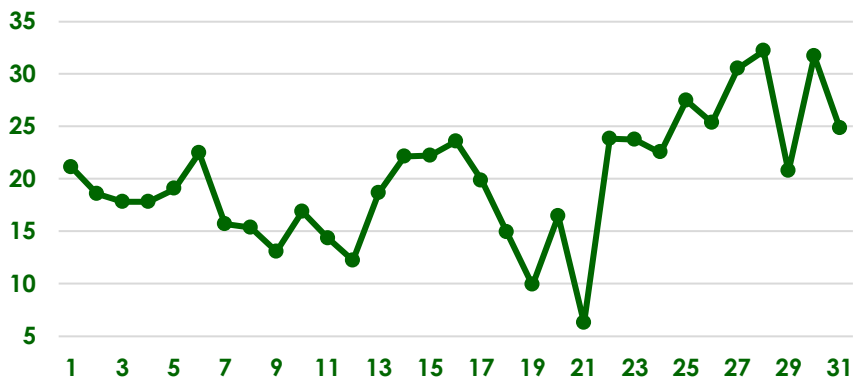
January 2017 - Average mol/m<sup>-2</sup>d<sup>-1</sup>



February 2017 - Average mol/m<sup>-2</sup>d<sup>-1</sup>



March 2017 - Average mol/m<sup>-2</sup>d<sup>-1</sup>



## Average Moles:

- January: 9.5 mol/m<sup>-2</sup>d<sup>-1</sup>
- February: 10.2 mol/m<sup>-2</sup>d<sup>-1</sup>
- March: 20.1 mol/m<sup>-2</sup>d<sup>-1</sup>



# 6 Weeks After Transplant

At Time of **B-Nine** and **B-Nine/Cycocel** Spray applications

No Pinch



Neon Rose

Pinch



Neon Rose

# Neon Rose

## 8 Weeks After Transplant

### No Pinch/No PGR



No Pinch/No PGR



Pinch/No PGR



Pinch, B-Nine 2,500  
ppm



B-Nine 2,500/Cycocel  
750 ppm



18971

\*approximate timing  
of Bonzi 1 ppm drench

# 10 Weeks After Transplant No Pinch/No PGR



Cabaret Orange



Cabaret Pink Star



Cabaret Lemon Yellow



Cabaret Sky Blue



Cabaret Lavender Ipd



Cabaret Bright Red

# 10 Weeks After Transplant No Pinch/No PGR



Cabaret Rose

Cabaret Hot Pink

Cabaret White

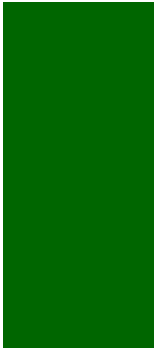
Cabaret Purple Heart



Cabaret Rose Kiss

Cabaret Coral Kiss

# 10 Weeks After Transplant No Pinch/No PGR



Cabaret Pink



Cabaret Pink Kiss



Golden Yellow



Neon Rose



# 10 Weeks After Transplant Pinch/No PGR



Cabaret Orange



Cabaret Pink Star



Cabaret Lemon Yellow



Cabaret Sky Blue



Cabaret Lavender Ipd



Cabaret Bright Red

# 10 Weeks After Transplant Pinch/No PGR



Cabaret Rose



Cabaret Hot Pink



Cabaret White



Cabaret Purple Heart

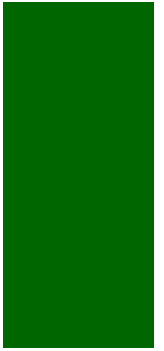


Cabaret Rose Kiss



Cabaret Coral Kiss

# 10 Weeks After Transplant Pinch/No PGR



Cabaret Pink



Cabaret Pink Kiss



Golden Yellow



Neon Rose



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



Cabaret Orange



Cabaret Pink Star



Cabaret Lemon Yellow



Cabaret Sky Blue



Cabaret Lavender Ipd



Cabaret Bright Red

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



Cabaret Rose

Cabaret Hot Pink

Cabaret White

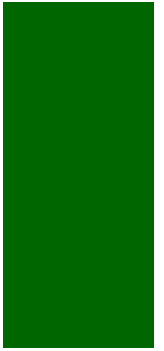
Cabaret Purple Heart



Cabaret Rose Kiss

Cabaret Coral Kiss

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



Cabaret Pink

Cabaret Pink Kiss

Golden Yellow

Neon Rose

# 10 Weeks After Transplant

## Pinch, B-Nine 2,500/Cycocel 750 ppm



Cabaret Orange

Cabaret Pink Star

Cabaret Lemon Yellow

Cabaret Sky Blue



Cabaret Lavender Ipd

Cabaret Bright Red

# 10 Weeks After Transplant

## Pinch, B-Nine 2,500/Cycocel 750 ppm



**Cabaret Rose**



**Cabaret Hot Pink**



**Cabaret White**



**Cabaret Purple Heart**



**Cabaret Rose Kiss**



**Cabaret Coral Kiss**



# 10 Weeks After Transplant

Pinch, B-Nine 2,500/Cycocel 750 ppm



Cabaret Pink



Cabaret Pink Kiss



Golden Yellow



Neon Rose



# 10 Weeks After Transplant Pinch, Bonzi 1 ppm



Cabaret Orange



Cabaret Pink Star



Cabaret Lemon Yellow



Cabaret Sky Blue



Cabaret Lavender Ipd



Cabaret Bright Red

# 10 Weeks After Transplant Pinch, Bonzi 1 ppm



Cabaret Rose



Cabaret Hot Pink



Cabaret White



Cabaret Purple Heart

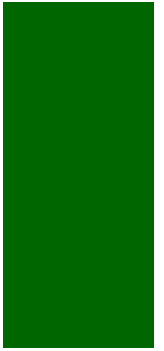


Cabaret Rose Kiss



Cabaret Coral Kiss

# 10 Weeks After Transplant Pinch, Bonzi 1 ppm



Cabaret Pink



Cabaret Pink Kiss



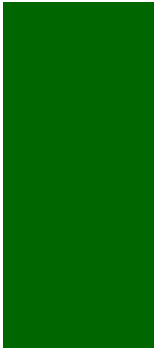
Golden Yellow



Neon Rose

# Calibrachoa Cabaret

## Recommended Practice



- Cabaret showed a positive response to a pinch at transplant, followed by B-Nine 2,500 ppm spray application 6 weeks after transplant.
  - Provided good control and produced a nicely toned pot for majority of cabaret varieties.
- In general, all PGR treatments worked well and did not have any major affects on flowering or flower size
- Growers preferring a drench, a late Bonzi 1 ppm drench, approximately 7 weeks after transplant, will work best.
- B-Nine 2,500/Cycocel 750 ppm spray applications did slightly delay flowering.