



Ball Flora Plant
Research & Development

622 Town Road
West Chicago, IL
60185-2698

Bidens Bee-Alive Flower Color Study

Spring 2017

Ball FloraPlant

Bidens Bee-Alive

Flower Color Study 2017

Data Points

- Tray Size: 78 (30 mm liner)
- Stick Date: Week 1
- Pinch: Week 5
- Transplant: Week 7
- Finish: Week 14
- Total Crop Time: 13 Weeks
- Fertilizer 14-4-14 (200 ppm N)



Average Temperatures

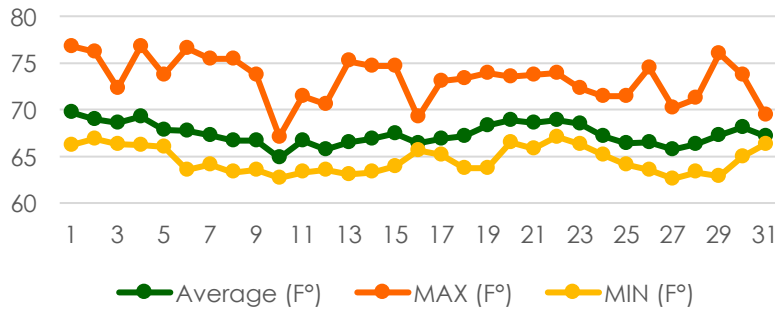
Jan Avg 67.3°, Max 76.8°, Min 62.6°

Mar Avg 69.4°, Max 88°, Min 62.2°

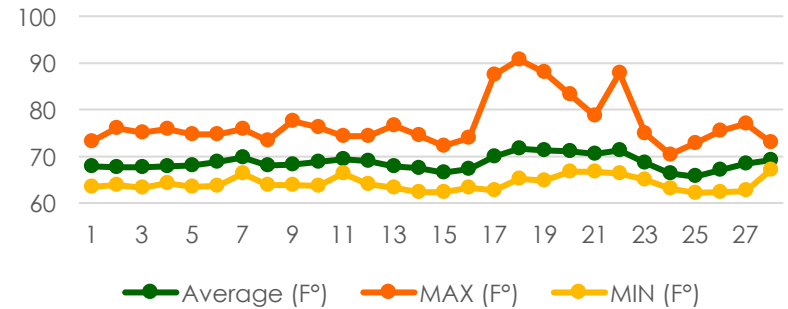
Feb Avg 68.5°, Max 90.7°, Min 62.2°

Apr Avg 71.2°, Max 88.2°, Min 62.6°

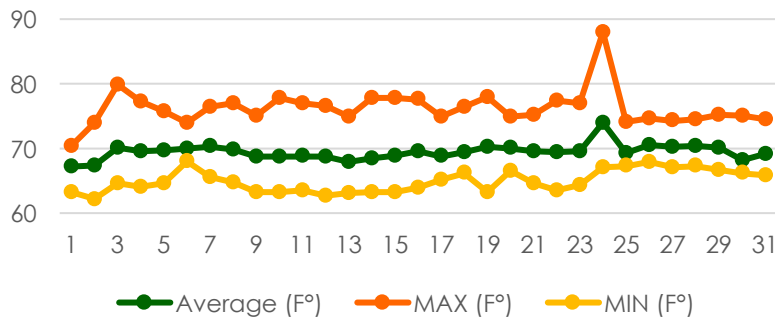
January Temperature - 2017



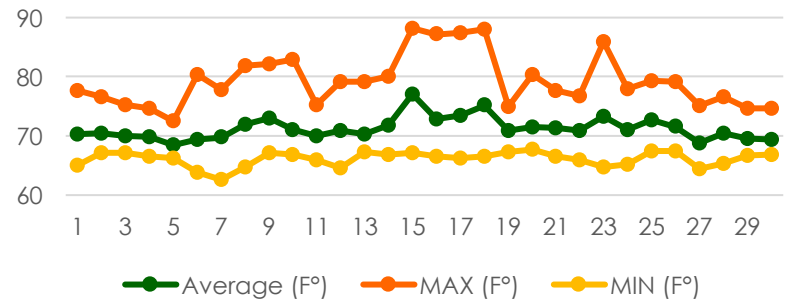
February Temperatures - 2017



March Temperatures - 2017

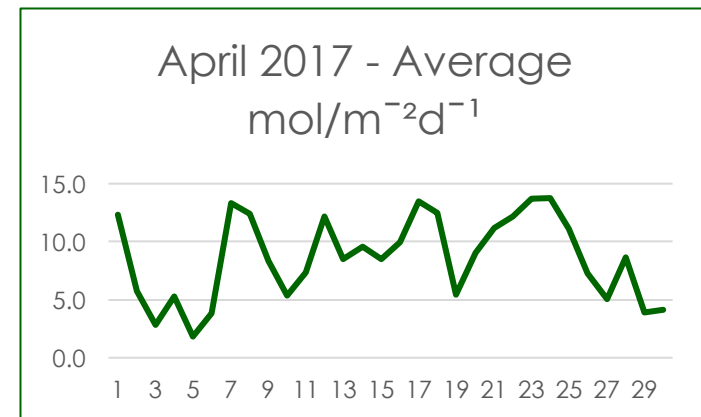
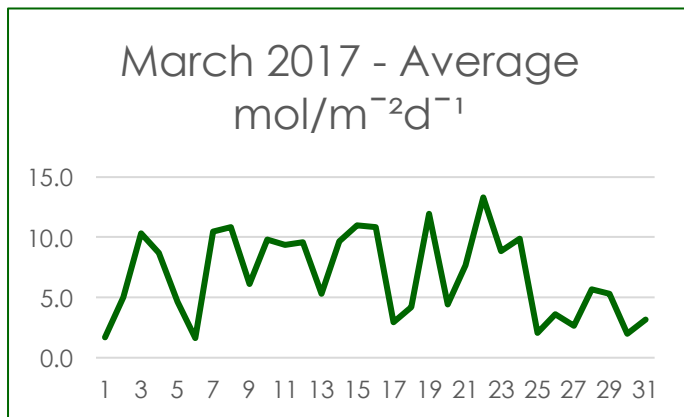
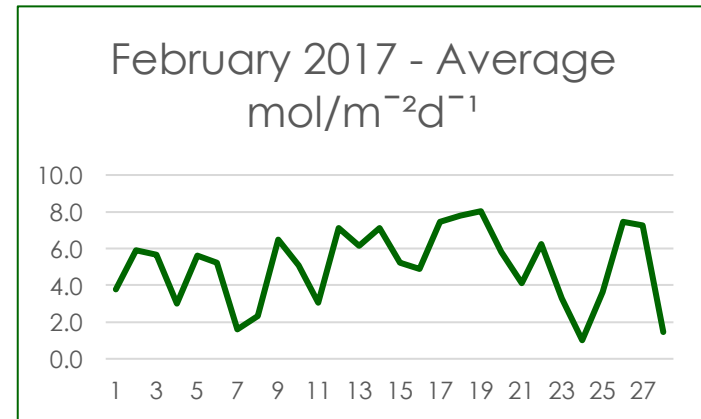
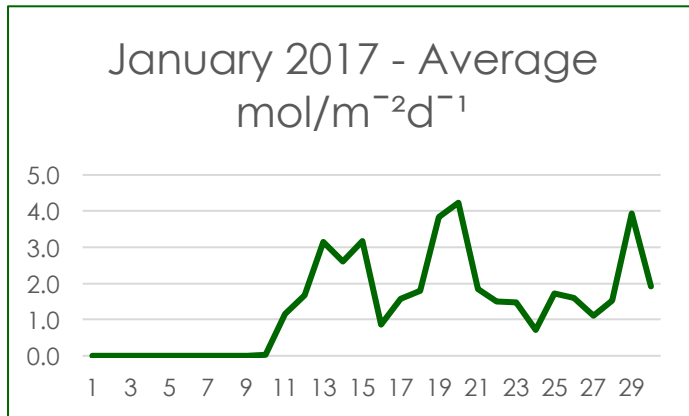


April Temperatures - 2017



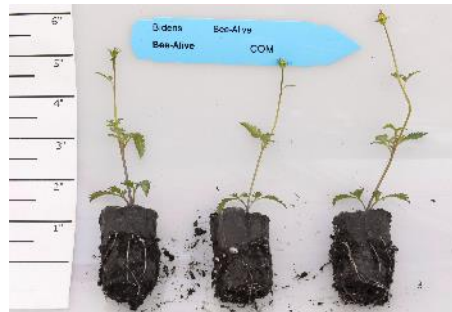
Average moles

January: 1.4 February: 4.7 March: 6.9 April: 8.6



Bee-Alive Liner Treatment

- Week 1 Stick
- Week 5 Pinch



- Week 6 PGR
(liners received 3ppm Bonzi Spray)
- Week 7 Transplant

Bee-Alive Flower Study

2 weeks after transplant prior to PGR application



Bee-Alive 5 Weeks After Transplant

No PGR



Bee-Alive

5 Weeks After Transplant

Florel 300ppm



Bee-Alive

5 Weeks After Transplant

B-9 1500ppm



Bee-Alive

5 Weeks After Transplant

B-9 1500ppm/Cycocel 500ppm



Bee-Alive 5 Weeks After Transplant

Bonzi 1ppm



Bidens Bee-Alive Flower Study

- Bidens Bee-Alive is not successful in West Chicago with no PGR application.
- Key is 3ppm Bonzi spray in propagation ideally early enough to prevent liners stretching.
- Our Best PGR applications were B9-1500ppm/Cycocel 500ppm tank mix applied 5 weeks after transplant. Or Bonzi 1ppm drench 5 weeks after stick.

