

Urth Agriculture

Results by Crop

Lew Douglas

(415) 297-2600

Lew@urthagriculture.com



Carrots

Conventional/Processing

Treated

Untreated



Treated
 Much better top attachment strength.
 Top strength is critical for harvest.

Treated

Untreated



BRIX Values

	Index	Treated	Untreated
Poor	4		
Average	6	6.9	6.6
Good	12		
Excellent	18		
		+3.8%	

Products Used

- Pro Microbe Pack©
- Bio-Stimulant©
- Pro Energy©
- Pro Guard©



Treated Carrots were germinated 10 days later than Untreated

Refractive Index of Crop BRIX

Bell Peppers

Conventional

Treated

Harvester: *"In 30 years of harvesting, this is the best crop I've seen."*

Untreated

Grower: *"Very pleased with how quickly the Urth section recovered (from a previous issue). I've never seen that before."*



Treated



Untreated

Harvest #	Treated (15 ac)	Untreated West (23.1 ac)	Untreated East (23.8 ac)
1	180	250	250
2	311	250	450
3	294	336	350
4	300	0	0
Total Bins	1085	836	950
Total Bins/Acre	72	36	40

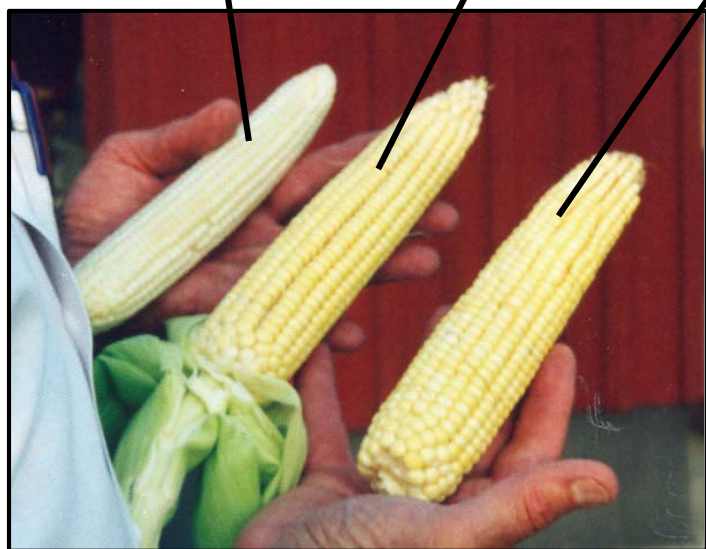
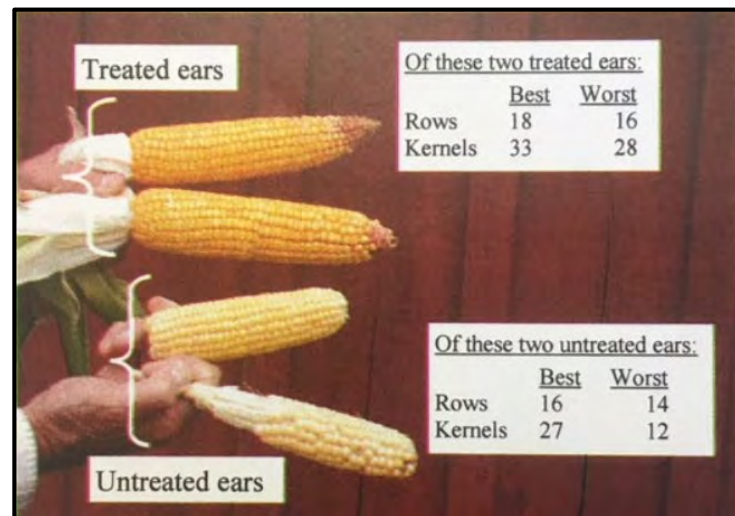
Products Used:

- Pro Microbe Pack©
- Bio-Stimulant©
- Pro Energy©
- Pro Guard©
- Pro Minerals©



Corn

Conventional



Garlic

Conventional

Treated

Untreated

9/5/18



7/10/18



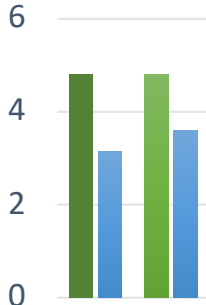
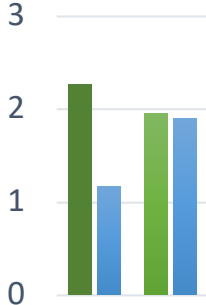
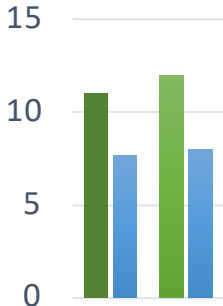
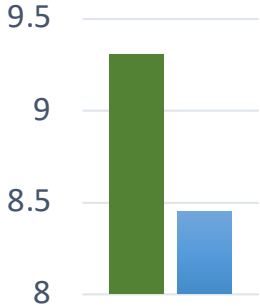
Yield (Tons/Acre)

BRIX

Bulb Weight (oz)

Bulb Girth (in)

■ Treated
■ Untreated



Water turned off between readings

Increase in yield: 10.3%
Treatment cost: \$38.72/acre

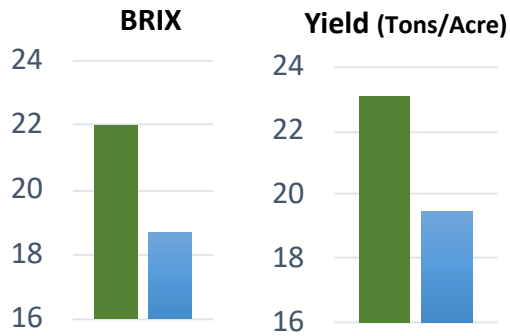
Products Used

- Pro Microbe Pack©
- Bio-Stimulant©
- Pro Energy©
- Pro Guard©



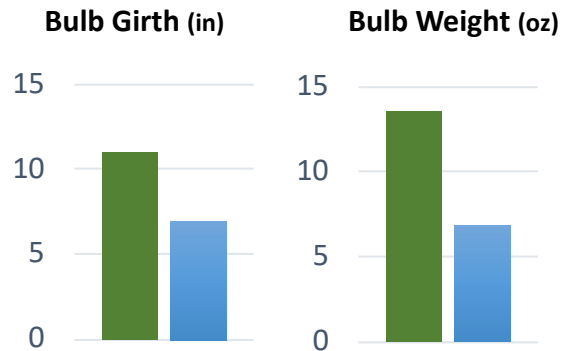
Onions

Conventional



18.5% Increase in yield.
17.6% Increased BRIX value.
Treatment cost: \$39.42/acre.

■ Treated
■ Untreated



Products Used

- Pro Microbe Pack©
- Pro Energy©
- Pro Minerals©

Potatoes

Conventional

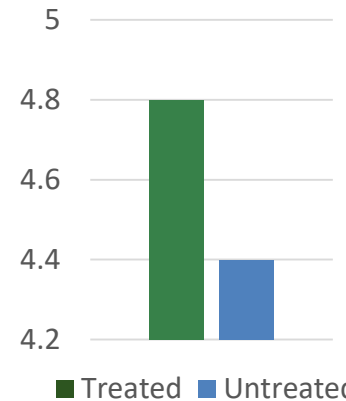
Treated

Untreated



- Products Used**
- Pro Microbe Pack©
 - Bio-Stimulant©
 - Pro Energy©
 - Pro Guard©

BRIX



Romaine Lettuce

Conventional



TREATED

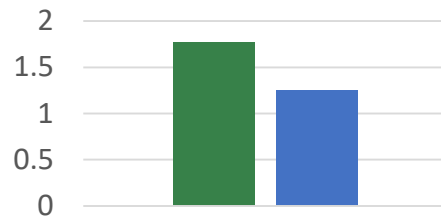
UNTREATED



TREATED

UNTREATED

BRIX



■ Treated ■ Untreated

Products Used

- Pro Microbe Pack©
- Pro Energy©
- Pro Guard©

Head Lettuce

Conventional

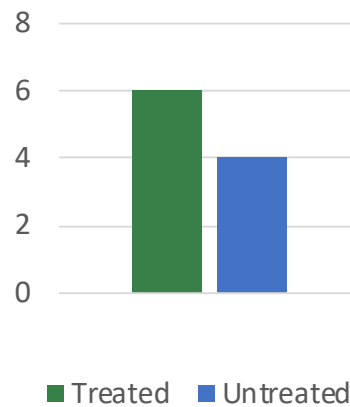
TREATED



UNTREATED



BRIX

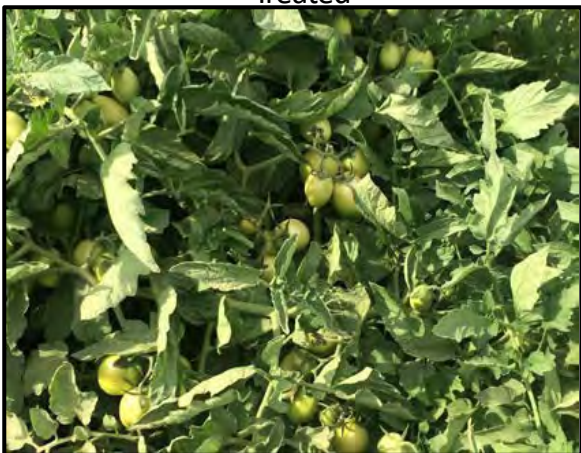


Products Used

- Pro Microbe Pack©
- Pro Energy©
- Pro Guard©

Processing Tomatoes- Conventional

Treated

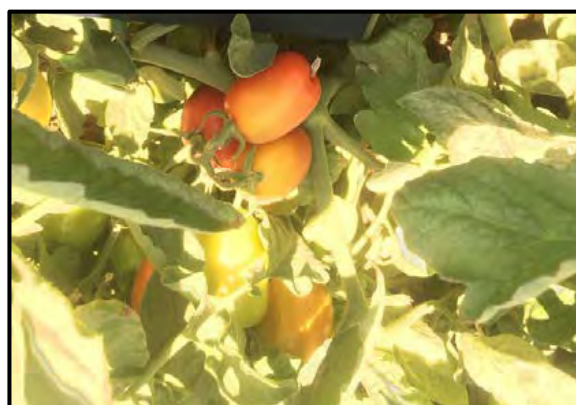


Week 12

Untreated



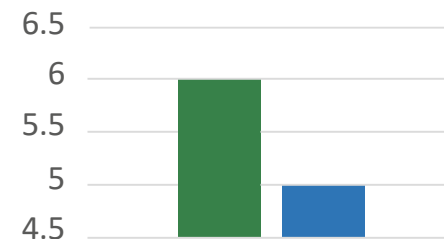
Week 14



Week 16

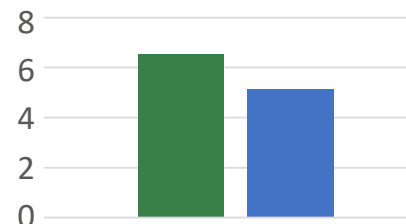


BRIX



■ Treated ■ Untreated

Fruit Weight (oz.)



Products Used

- Pro Microbe Pack©
- Bio-Stimulant©
- Pro Energy©
- Pro Guard©

Harvested Week 19

Volume estimated at 2:1 - Treated:Untreated



Processing Tomatoes

Organic

Net Increase in Revenue = \$34,123.44 (78 acres)

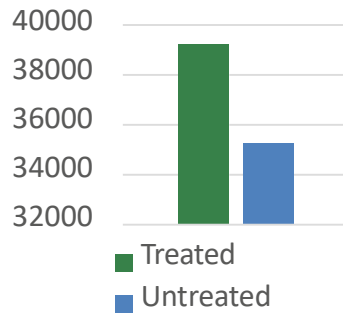
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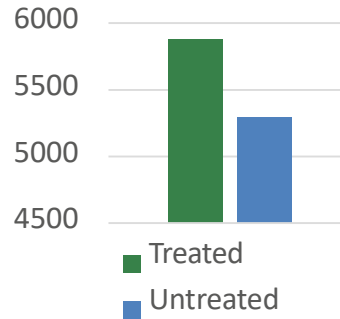
UNTREATED



Paid Yield/Acre



Revenue/Ton



Products Used

- Pro Microbe Pack©
- Pro Energy©
- Pro Guard©
- Pro Minerals©

Artichoke

Conventional

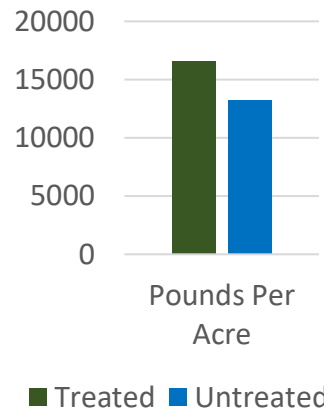
Treated



Untreated



Harvest Yields



24.9% Increase



Water Infiltration Depth

- Treated – to 48"
- Untreated – to 24"

Products Used

- Pro Microbe Pack©
- Pro Energy©
- Pro Guard©
- Pro Minerals©

Broccoli Starts

TREATED

UNTREATED



TREATED

UNTREATED



Conventional

Products Used

- Pro Microbe Pack©
- Pro Energy©
- Pro Guard©
- Pro Minerals©

Cauliflower Starts

TREATED

UNTREATED



TREATED

UNTREATED



Large commercial nursery in California
35 day retention
1 billion broccoli starts per year

Coffee Rust Trial

Largest Coffee Grower in the World

Costa Rica



Starts at 5 Weeks

Treated



All "Treated" plants have ONLY been treated with Urth Agriculture products.
All "Untreated" plants treated with grower standard protocol

Untreated



Transplants

Treated



Untreated



Note: Lines added to notebook to show size



*All "Treated" plants have ONLY been treated with Urth Agriculture products.
All "Untreated" plants treated with grower standard protocol

Costa Rica Coffee

3 Year Old Plants

Treated

Untreated

**Man in photo is 6'3



*All "Treated" plants have ONLY been treated with Urth Agriculture products.
All "Untreated" plants treated with grower standard protocol

Raspberry Starts

Conventional

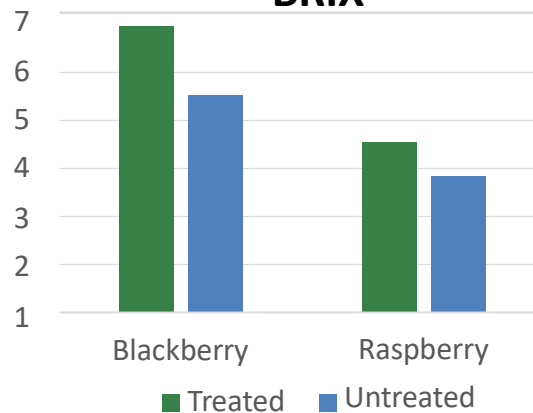


Blackberry Starts

Conventional



BRIX



Products Used

- Pro Microbe Pack©
- Pro Energy©
- Pro Guard©
- Pro Minerals©

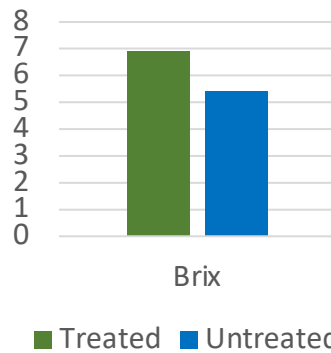


Blackberry Starts

Conventional

Treated

Untreated



Products Used

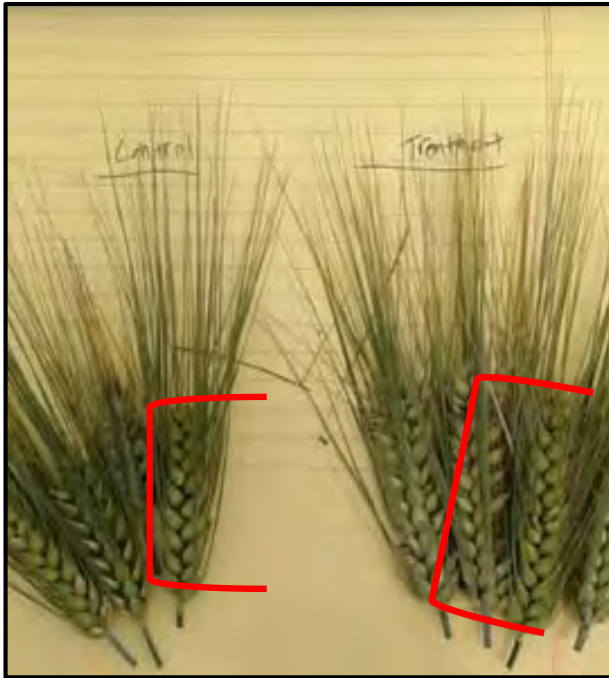
- Pro Microbe Pack©
- Pro Energy©
- Pro Guard©
- Pro Minerals©

Barley

Conventional

Untreated

Treated



Untreated

Treated



Untreated

Treated



Products Used

- Pro Energy©
- Bio-Stimulant©
- Pro Minerals©

Pima Cotton

Conventional

Treated



Untreated



+28.6% yield
No Pest Pressure

Grower's Pricing

	Treated	Untreated
\$1.46	99%	81%
\$1.38	1%	
\$1.10		19%

Products Used

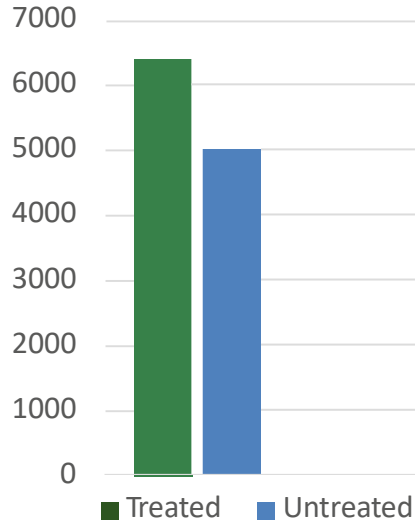
- Pro Energy©
- Pro Guard©
- Bio-Stimulant©



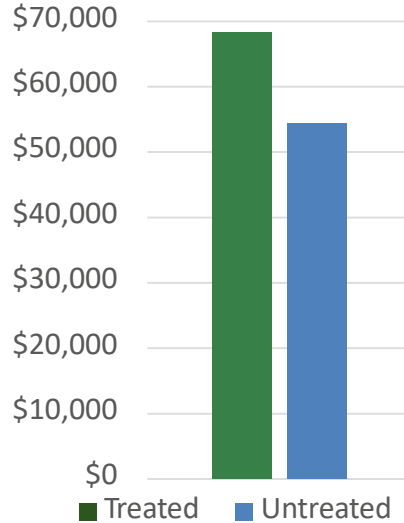
Strawberry

Conventional

Yield (Cases)



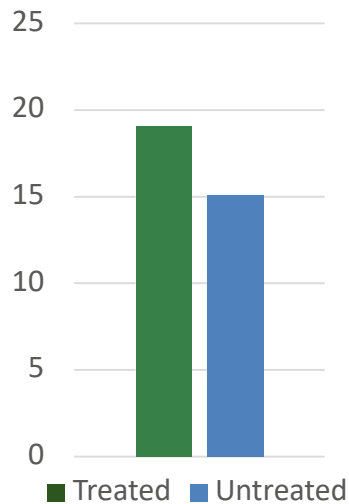
Revenue



Treated



BRIX



Untreated



Products Used

- Pro Microbe Pack©
- Pro Energy©
- Pro Guard©
- Pro Minerals©

Off-Cycle Strawberry

Treated – Organic



Untreated – Conventional



Grower Comments:

“When we started to use your product, I saw a difference within the first few weeks, which is why I decided to convert the rest of the organic ranch to your product.”

“The overall color, vigor, size, and production was great, which is why this season I want to start at the beginning (root dip) and as soon as they are planted.”



Irrigator Comments:

“Your plants were bigger, greener, more life to them, and definitely tasted a whole lot better...I eat them every day off the treated blocks because I prefer them.”

“The simplicity and readiness of the product (is ideal)... Just pour and inject – that was it.”



Products Used

- Pro Microbe Pack©
- Pro Energy©
- Pro Guard©
- Bio-Stimulant©

Grower chose to roll out Urth product on all organic ground after 2 applications



Raspberries

Conventional



Treated



Untreated

Harvest Results

Treated Block – 3,000 boxes/acre

Untreated Block – 1,600 boxes/acre

87.5% Increase in production

*Due to labor constraints, some berries on the treated block were not picked. Without labor issues, yield would have been higher.



Crimson Grapes

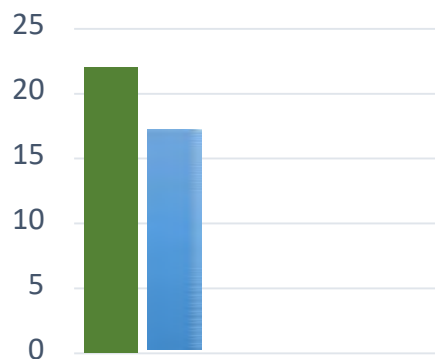
Treated



Treated

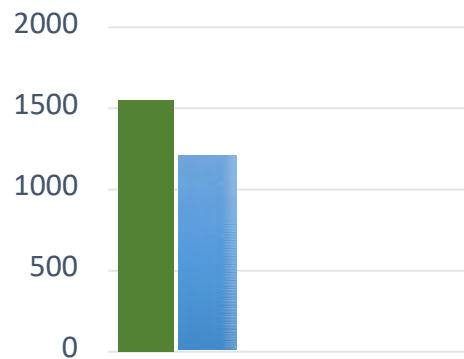


BRIX



■ Treated ■ Untreated

CASE VOLUME



■ Treated ■ Untreated

Quotes From the Grower

“The product has had a huge impact on longevity of our vines.”

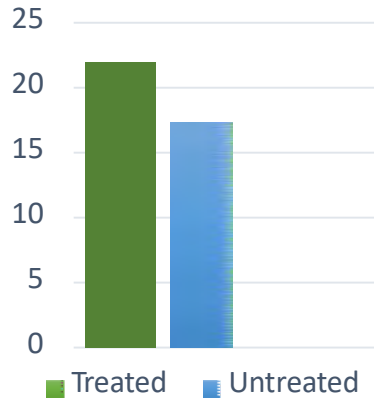
“Improved the vines health-wise and with insects.”

“The (Urth) product increases size, color and produces significantly more #1's than 2's... that's real money.”

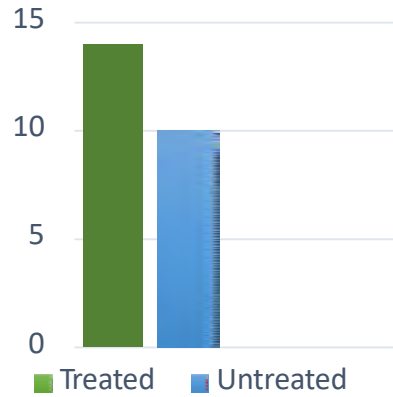
White Wine Grapes

Conventional

BRIX



TONS/ACRE



Treated



Untreated



Treated

Untreated



Products Used

- Pro Microbe Pack©
- Pro Energy©

- Pro Guard©
- Pro Minerals©
- Bio-Stimulant©

Kiwi

Conventional

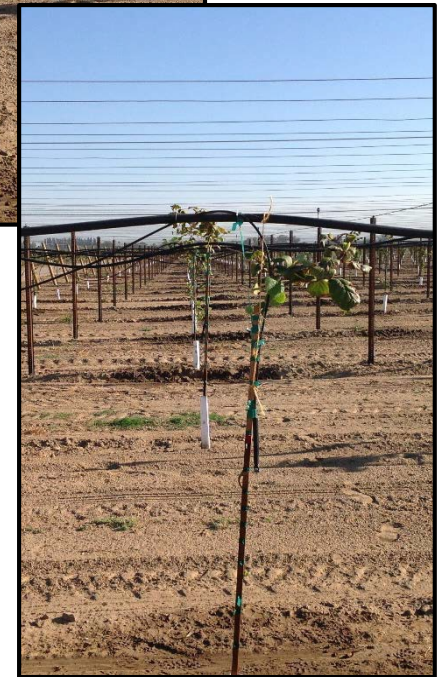
TREATED



2018: 200 ac root dip + 1000 ac soil application
2017: 400 ac root dip + 800 ac soil application
Root dip vines expected to come into production 1 year early.
2016: 400 ac root dip + 400 ac soil application



UNTREATED



Products Used

- Pro Microbe Pack©
- Pro Energy©
- Pro Minerals©

Mint

Conventional

Treated

Untreated



- *Improved plant vigor*
- *Denser root mass*
- *Fuller and Taller*
- *No powdery mildew*

Products Used

- Pro Microbe Pack©
- Pro Energy©
- Pro-Guard©
- Pro Minterals©

Poinsettias

9-13-17 Initial Condition



10-3-17 Urth Treated Plants



11-3-17 Urth Treated Plants



11-3-17 Untreated Plants



Conclusions:

Plants had been unusable prior to treatment
Good vitality with uniformity of size and root mas
No observed pest pressure
Red leaves visible only on treated = ability to sell sooner

Number of Plants: 3340

Total Cost: \$.004/plant

Estimated Recovered Value: \$10,000

Products Used

- Pro Microbe Pack©
- Pro Energy©
- Bio-Stimulant©
- Pro Minerals©

Urth Agriculture

Additional Crops

Urth has also shown efficacy on the following crops:

Alfalfa

Avocados

Lemons

Melons

Beans

Oranges

Basil

Please reach out for any specific case studies you don't see here.

info@urthagriculture.com

888.Y.ORGANIC

