Terra Ag Technologies®

"Producing higher yields for growers, one farm at a time."®

100% sustainable
Produced without greenhouse gas emissions

OMRI LISTED
For Organic Use

# Organic Plant & Soil Pro 2™ Table Grapes

## Organic Green Seedless Grapes with Organic Plant & Soil Pro 2™ vs. the control group

## Soil Heath and Carbon Sequestration Results

Terra Ag Technologies®
"Producing higher yields for growers, one farm at a time."®

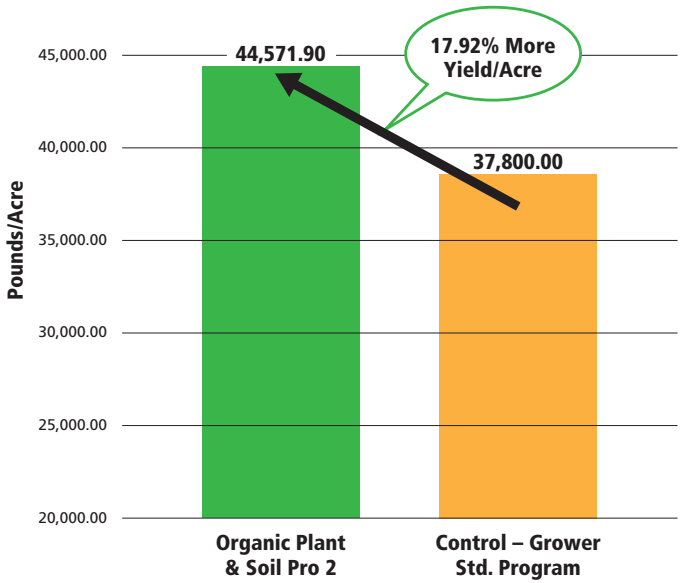
# Green Seedless Grapes Commercial Results

Variety: **Autumn Kings**
Ranch: **Ivanhoe, California**
Block: **10 Acres**
Crop Age: **8 years**

## Yield Analysis Per Weight

| Treatment | Yield (Pounds/Acre) | Yield (Tons/Acre) | Berry Firmness | Brix % |
|---|---|---|---|---|
| Grower Standard + Organic Plant & Soil Pro 2 | 44,571.90 | 22.3 | 421.1 | 15 |
| Control (Grower Standard) | 37,800.00 | 18.9 | 401.9 | 14.05 |

**Table Grapes (Pounds/Acre) Final Yield Results Comparison**
**17.92% More Yield with Organic Plant & Soil Pro 2**
**vs. Standard Grower Program**
Commercial Marketable Grapes, Ivanhoe, CA




*Scientific Analytical Study Conducted by Justo Gonzales, Phd | Helena Scientific Ag. Research*

| | |
|---|---|
| Difference of Extra Yield (Pounds/Acre) Using Organic Plant & Soil Pro 2 vs. Actual Fertilization Program | **6771.90** |
| Difference of Extra Yield (Tons/Acre) Using Organic Plant & Soil Pro 2 vs. Actual Fertilization Program | **3.4** |
| Difference (%) More Yield, with Organic Plant & Soil Pro 2 | **17.93%** |

Terra Ag Technologies®
"Producing higher yields for growers, one farm at a time."®

# Quality of Green Seedless Grapes

Green Seedless Grapes with Organic Plant & Soil Pro 2 have:

- 5.2% more firmness in fruit
- 0.95% higher Brix
- 8.15% more clusters

Terra Ag Technologies®
"Producing higher yields for growers, one farm at a time."®

# Conclusions
## Final Summary and Benefits of using Organic Plant & Soil Pro 2

1. Better yield: 17.93% More Yield or 3.39 Tons/Ac More with Organic Plant & Soil Pro 2
2. Real opportunity to increase Net Income per acre, in about $3,000.00/ac extra, using Organic Plant & Soil Pro 2.
3. Real opportunity to dilute fixed costs in more yield and make all operation and agricultural activity more productive and efficient.
4. Better Quality Fruit: With about 1% more Brix and 5% more firmness fruit with more clusters, with real opportunity to reach better income due better prices.

All the results listed above were conducted by PhD experts from an independent agricultural research company and using scientific analytical methodologies.

# Recommendations

1. Overall healthier plants: with potential to reduce or eliminate the use of pesticides, especially fungicides, with opportunity to reduce the number of applications per year.
2. Potential to improve the shelf life of the fruit, with great quality and healthier fruit.
3. Proven opportunity to reduce Nitrates use in fertilization program while increasing quality and yields.