



**Terra Ag  
Technologies®**

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

**100%  
sustainable**  
Produced without  
greenhouse gas emissions



## **Organic Plant & Soil Pro 2™ Cauliflower**

Cauliflower with Organic Plant & Soil Pro 2

vs. the control group –

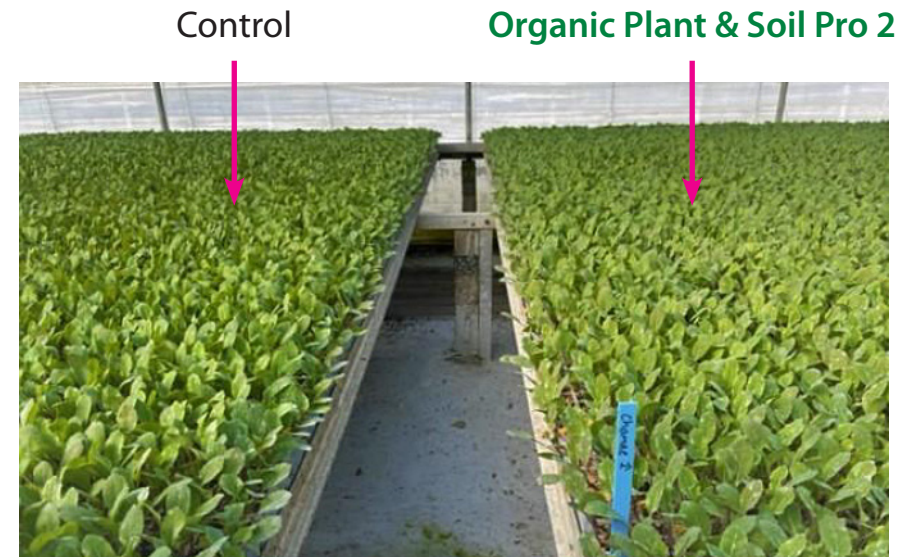
**138 more cartons per acre or 13.75 % more yield per acre**

## Results of Control (Grower Standard Program) vs. Organic Plant & Soil Pro 2™

DOLE FRESH, INTERNAL FARMING OPERATIONS  
Wilder Ranch. Salinas, Ca.

**The Cauliflower applied with Organic Plant & Soil Pro 2 had the following agricultural results, compared with Grower Std. Program:**

- ▶ Plugs with more roots and vigor at time of transplant
- ▶ Plants with Bigger, Thicker and heavier leaves.
- ▶ Overall Plant with Better Root System, Thicker Stems and Healthier condition.
- ▶ More uniform flower growth and better sizes.



In Nursery (7 applications combined with Grower Std. Program in nursery)

## Opportunities:

- ▶ Opportunity in Savings in Input Costs and Get better Yields (Weights) with an Excellent Quality product and soil regeneration.
- ▶ More uniform growth and opportunity to have a more efficient harvest.



In Field ( 2 applications combined with Grower Std.)

## Seed Enhancement

- ▶ Plugs with a great root system, better adaptation to the transplant (less transplant shock) and opportunity to more disease resistance.
- ▶ More Vigor since Seed emergence, potentiating the genetics of the variety.



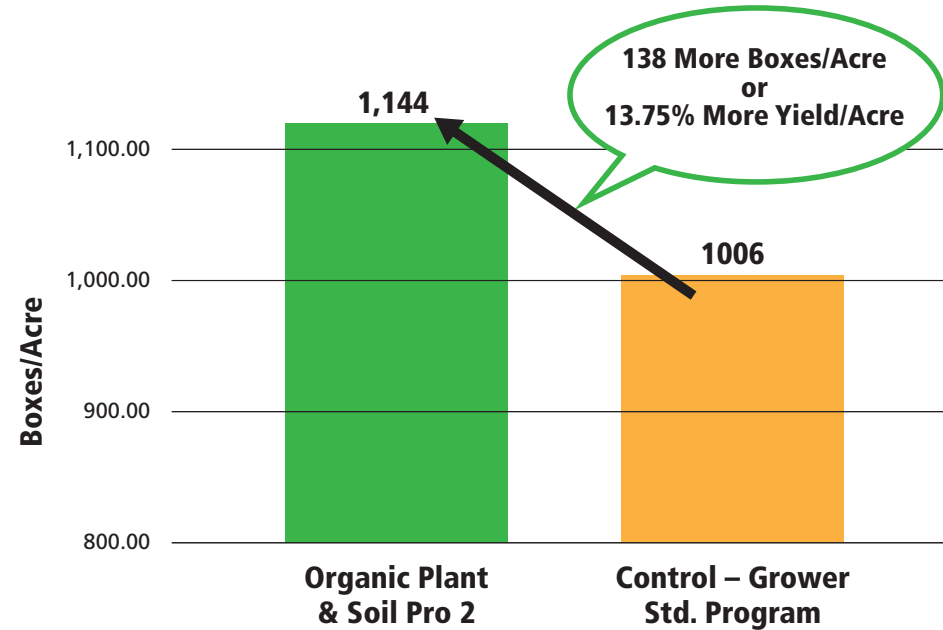
## Final Yield Reports

DOLE FRESH,  
INTERNAL FARMING OPERATIONS  
Wilder Ranch, Salinas, Ca.

### Cauliflower Yield Results

**138 More Boxes/Acre or 13.75% More Yield**  
with **Organic Plant & Soil Pro 2**

Fresh Home Ranch, Salinas, CA



Harvest Data collected by Dole Harvest Department

Transplant Date	EHD (Estimated Harvest Date)	Harvest Date	TREATMENTS	HARVEST DATA		Area (1 Acre)	YIELD (TOTAL BOXES/ACRE)
				Total Area (Acres)	Total Boxes		
06-02-23	25-05-23	25-05-23	Lacerta Grower Std (14E)	2.85	2867	1	1006.0
06-02-23	25-05-23	25-05-23	Lacerta Organic Plant & Soil Pro 2 (14M)	2.78	2181	1	1144.2

Extra boxes with Organic Plant & Soil Pro 2: **138.2**  
Yield increase per using Organic Plant & Soil Pro 2: **13.75%**

## Total net income with production and harvest cost



Cauliflower, per marketable boxes, Salinas, CA

Increased in yield of **138 More Boxes/Acre** or **13.75% More Yield/Acre**

**ROI = 11.26** or **\$2,476.85 extra income per acre**

by using Organic Plant & Soil Pro 2™ in nursery and in field

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### Other benefits for marketing

- ▶ Seed Enhancement
- ▶ Increase nutritional value of vegetables
- ▶ Regenerate soils
- ▶ Use less chemical inputs
- ▶ Increase carbon sequestration
- ▶ Support all sustainable company policies