



PRODUCT  
LINE



# REVOLUTIONIZING CROP POTENTIAL THROUGH PROVEN TECHNOLOGY

**SBC Oasis** is a unique adjuvant formulated of saponins, poly saccharides, and natural plant extracts. This combination of potent botanicals performs well as an adjuvant while also providing tools which are accessible to the plant and microbiology in nutrient acquisition and uptake.

The **SBC Oasis Family** of products are innovative formulations packed with individual and/or groups of macro and micronutrients combined with **SBC Oasis technology, amino acids, peptides, humic substances, and plant sugars**. These products provide elevated support for plant physiological processes, as well as endophytic and ectophytic organism metabolic functions. These metabolic functions are designed to feed the plant with necessary nutrients. These microbial metabolic functions initiate and support plant defense mechanisms.



Third party research has shown the following results in plants treated with SBC Oasis or products in the SBC Oasis Family:



Increased nutrient uptake and movement through the plant



Reduced stress levels to adverse environmental conditions: heat & cold tolerance



Higher genetic potential expression due to fast-acting components



Increased set, size, & retention of fruit



Improved quality and yield (including storability of harvested crops)



Decreased transpiration



Increased photosynthesis through advanced active chlorophyll content of the leaves

EFFICACY DATA ON SBC OASIS TECHNOLOGY

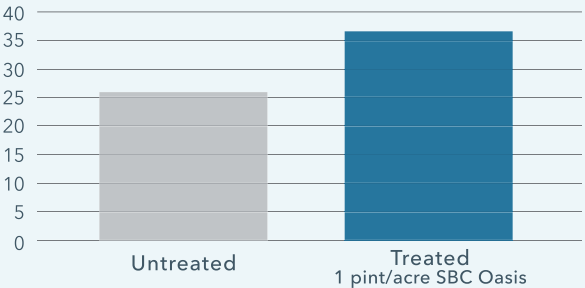


- Natural adjuvant; Increases efficacy of foliar sprays
- Increases chlorophyll levels

*\*Increase in Chlorophyll decreases plant stress.*



CHLOROPHYLL INDEX ON COTTON



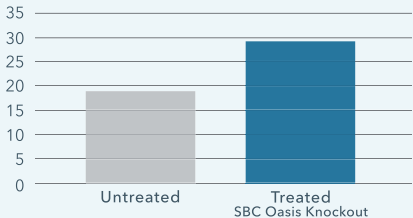
- Increases yield and quality
- Promotes genetic potential



YIELD INCREASE ON WHEAT

**54%**  
11 tons/acre

*after 1 qt/acre application of SBC Oasis Knockout*

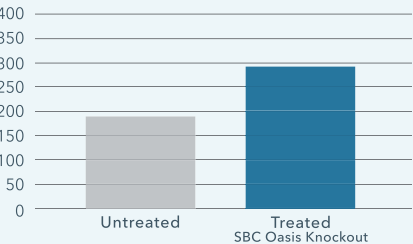


TILLERING INCREASE ON WHEAT

**66%**

*Head count increase per square ft. sample*

*after 1 qt/acre application of SBC Oasis Knockout*



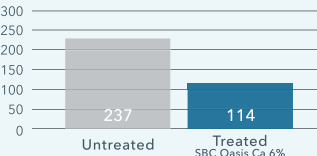
- Reduces environmental stress
- Decreases transpiration

CALCIUM 6%

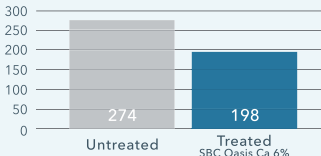
*\*Decrease in transpiration with an average 44% (leaf porometer readings) after application of SBC Oasis 6%.*



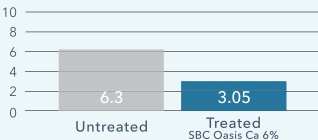
COTTON -52%



TOMATOES -28%



GRAPES -52%



# SBC OASIS PRODUCT LINE

## *Descriptions*

### **SBC Oasis**

A proprietary surfactant containing 6% yucca extract and other natural plant extracts. It increases the efficacy of fungicide, insecticide, and herbicide applications. SBC Oasis also increases nutrient uptake when used in conjunction with foliar nutrients. Due to its unique properties, SBC Oasis is the foundation of the SBC Oasis Family Product Line.

[Salt Index 1.46, pH 2.5-5](#)

### **SBC Oasis Boron 1.5%**

A proprietary formulation containing 1.5% boron, amino acids, carbohydrates, natural plant and aquatic extracts. Increases flower viability and promotes shoot and tissue development.

[Salt Index 10, pH 4.8](#)

### **SBC Oasis Calcium 6%**

A proprietary formulation containing 6% calcium, 5% nitrogen, amino acids, carboxylic acid groups, natural plant and aquatic extracts. Relieves environmental temperature stress. Reduces transpiration and increases chlorophyll in leaf tissue. Can be applied as a foliar or soil application.

[Salt Index 22-24, pH 4.6](#)

### **SBC Oasis Catapult**

A proprietary formulation containing 2% nitrogen, 5% phosphate, 2% calcium, 0.18% boron, 1.4% zinc, amino acids, natural plant and aquatic extracts. Increases plant metabolism through several pathways. Increases fruit set, tissue nutrient levels, and reduces plant stress.

[Salt Index 21, pH 2](#)

### **SBC Oasis Copper 4%**

A proprietary formulation containing 4% copper, 2.1% sulfur, amino acids, carboxylic acid groups, natural plant and aquatic extracts. Enhances enzymatic activity in the plant and increases disease resistance.

[Salt Index 14, pH 2](#)

### **SBC Oasis Dually K**

A high-quality source of foliar potassium formulated with the Soil Basics Dually and Oasis technologies. This product can be safely used on high dollar produce. Research has shown these technologies increase efficacy by providing rapid nutrient movement within the plant and have zero phytotoxicity or residue.

[Salt Index 32, pH 6.48](#)

### **SBC Oasis Iron 4.5%**

A proprietary formulation containing 4.5% iron, 2.9% sulfur, amino acids, carboxylic acid groups, natural plant and aquatic extracts. Increases chlorophyll production and increases leaf cuticle density.

[Salt Index 17, pH 2.5](#)

### **SBC Oasis Knockout**

A proprietary formulation containing nitrogen, calcium, manganese, zinc, phosphate, amino acids, naturally carbon bonded nitrogen, natural plant and aquatic extracts. Has shown yield increases on small grain, beans, and vegetables. Stimulates the plant rhizosphere and microbiology.

[Salt Index 13, pH 4.8-5.5](#)

### **SBC Oasis Magnesium 2%**

A proprietary formulation containing 2% magnesium, 3.28% sulfur, amino acids, carboxylic acids, natural plant and aquatic extracts. Increases chlorophyll production and overall leaf tissue health.

[Salt Index 22, pH 3](#)

### **SBC Oasis Manganese 6%**

A proprietary formulation containing 6% manganese, 3.5% sulfur, amino acids, carboxylic acid groups, natural plant and aquatic extracts. Increases efficiency of respiration and reduces water stress.

[Salt Index 20, pH 2.7](#)

### **SBC Oasis Micro**

A proprietary formulation containing 2.7% sulfur, 0.2% boron, 0.4% copper, 1% iron, 1% manganese, 1.5% zinc, amino acids, carboxylic acids, natural plant and aquatic extracts. Increases plant metabolic response, promotes healthy tissue growth, and encourages genetic potential.

[Salt Index 19, pH 2.7](#)

### **SBC Oasis Zinc 6.5%**

A proprietary formulation containing 6.5% zinc, 3.5% sulfur, amino acids, carboxylic acid groups, natural plant and aquatic extracts. Facilitates enzymatic activities in the plant and soil microbiology. Can be used for soil and foliar applications.

[Salt Index 20, pH 2.5](#)





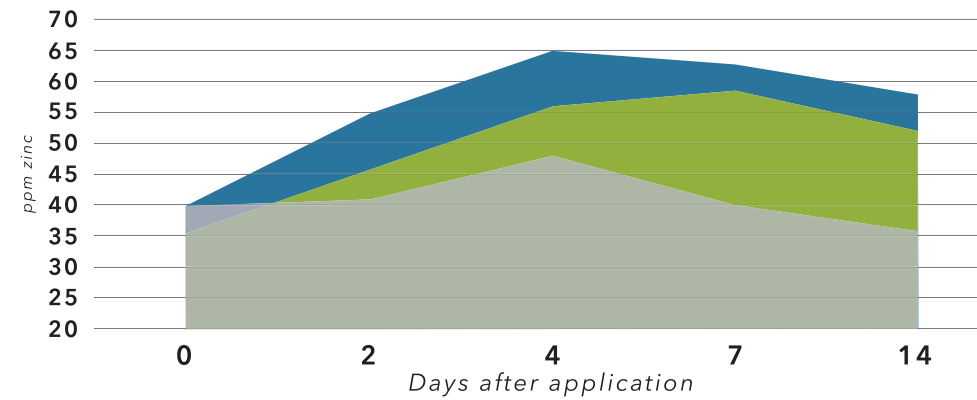
# SBC OASIS ZINC FOLIAR NUTRITION ON ALMONDS

## LEAF ZINC CONTENT

2019 Almond, Sanger CA

Parts per million zinc in leaves pre-application and 2, 4, 7, and 14 days post-application for each of the products and untreated.

- Oasis Zinc + N-Phase
- Oasis Zinc
- Untreated

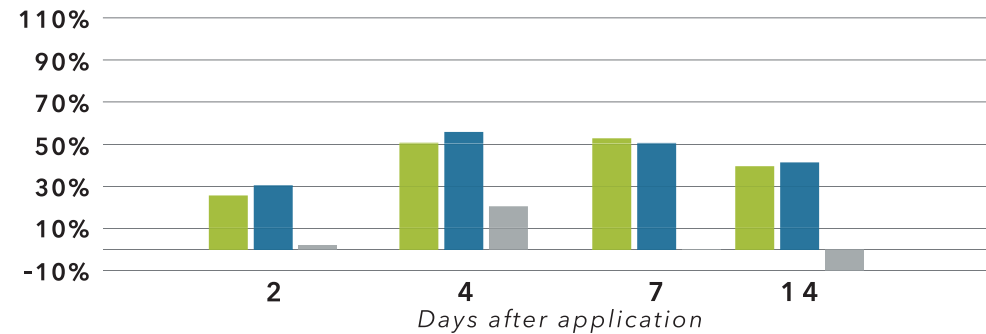


## CHANGE FROM PRE-APPLICATION ZINC CONTENT

2019 Almond, Sanger CA

Percent increase or decrease in leaf zinc content for each product relative to the pre-application value at 2, 4, 7, and 14 days post-application.

- Oasis Zinc + N-Phase
- Oasis Zinc
- Untreated

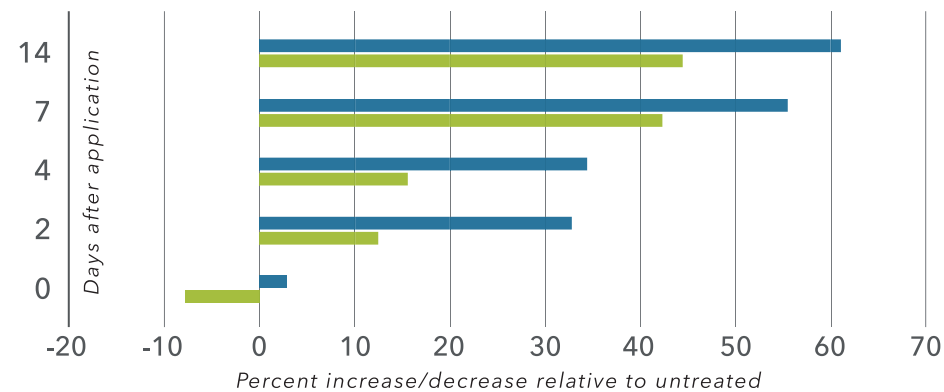


## ZINC CONTENT RELATIVE TO UNTREATED

2019 Almond, Sanger CA

Percent increase or decrease in leaf zinc content for each product relative to untreated pre-application, 2, 4, 7, and 14 days post-application.

- Oasis Zinc + N-Phase
- Oasis Zinc



## OCTOBER 2019 TRIAL

executed by  
**Megan Townsend**  
Crop Matters

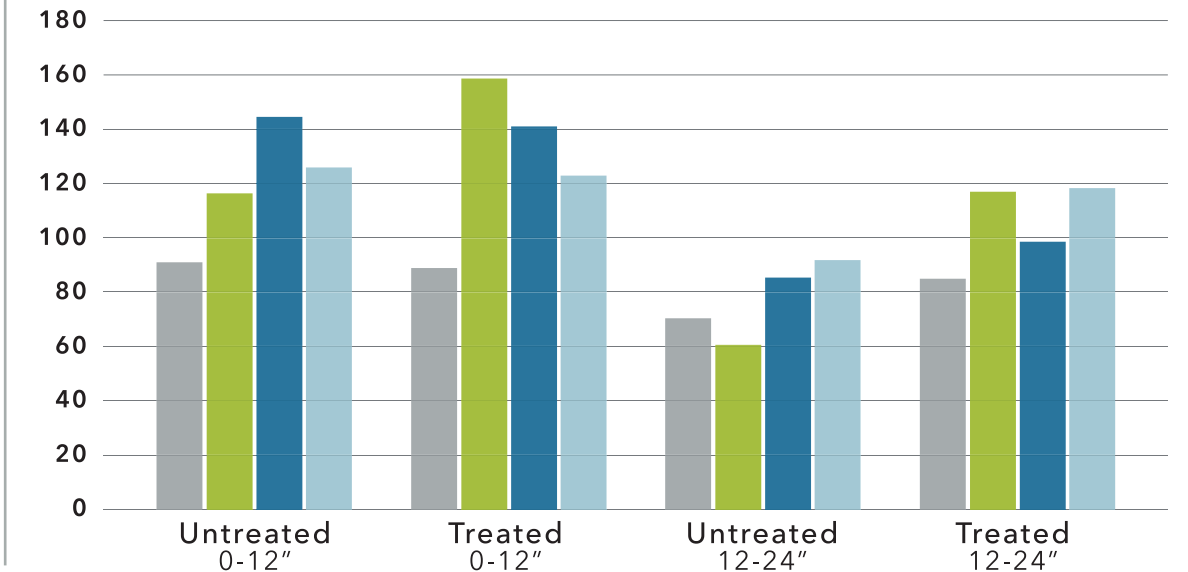
Oasis Zinc + N-Phase resulted in the highest zinc content recorded in the study (4 days after application). The addition of N-Phase improved efficacy of Oasis Zinc, particularly 2 and 4 days after application. The Oasis technology increased nutrient uptake and movement through the plant.

# PERCENT SOIL MOISTURE SBC Knockout vs. Untreated

*Trial done by Agrimanagement Inc. in Mattawa, Washington on a field of green peas. SBC Oasis Knockout reduced transpiration in the soil, thus retaining soil moisture during summer months.*



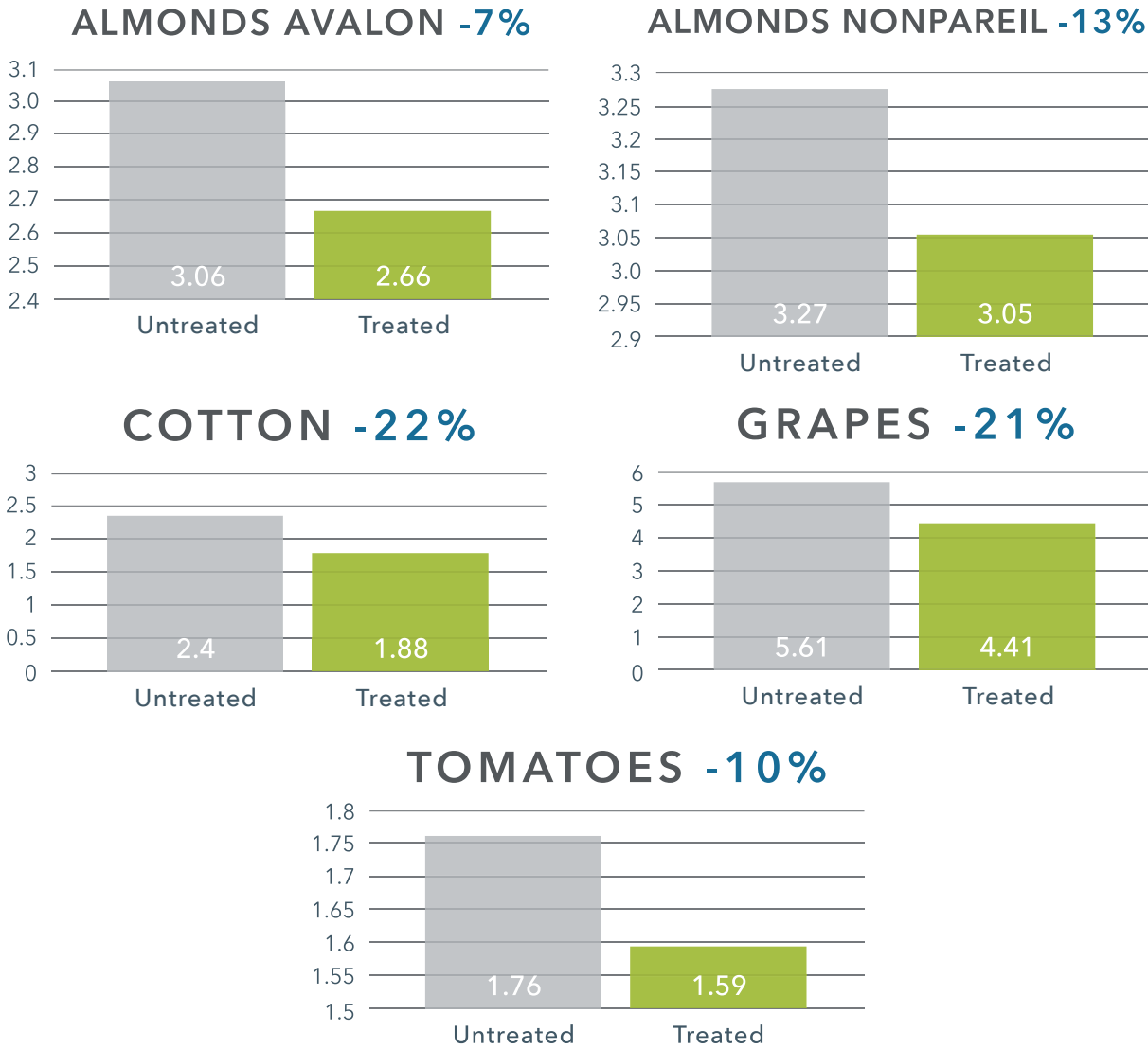
- 6 - May
- 13 - May
- 20 - May
- 3 - June



# LEAF POROMETER READINGS



Product Application: SBC Oasis Ca 6%; 1 pint per acre (800:1 rate)  
Test: % Decrease in porometer readings after an application of Oasis Ca 6%



# IMPROVED COLD TOLERANCE ON WINE GRAPES



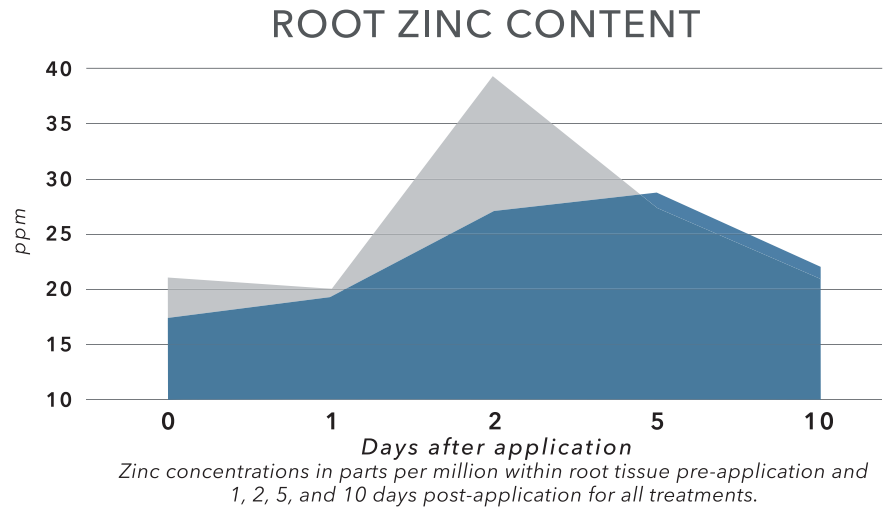
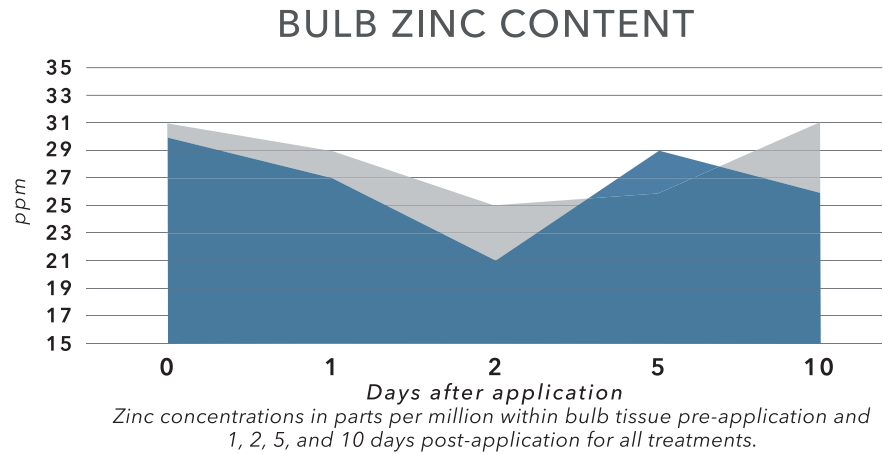
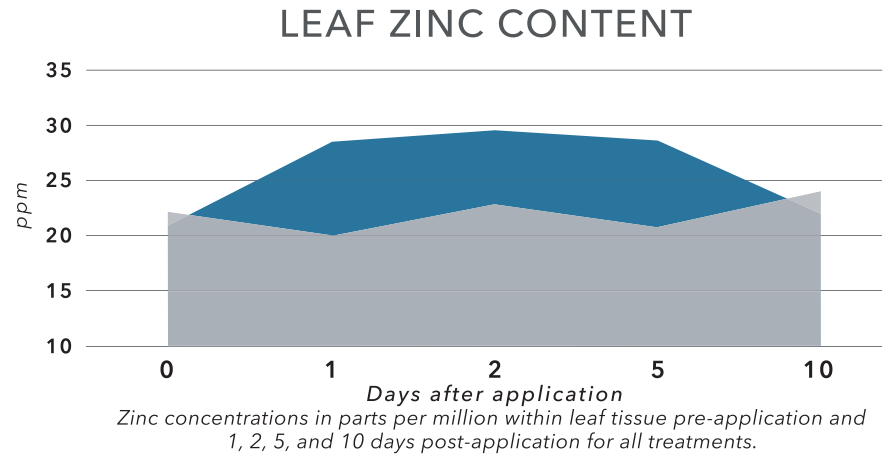
Vines were exposed to temperatures below 32 degrees.  
*SBC treated plants had little damage and higher quality fruit.*



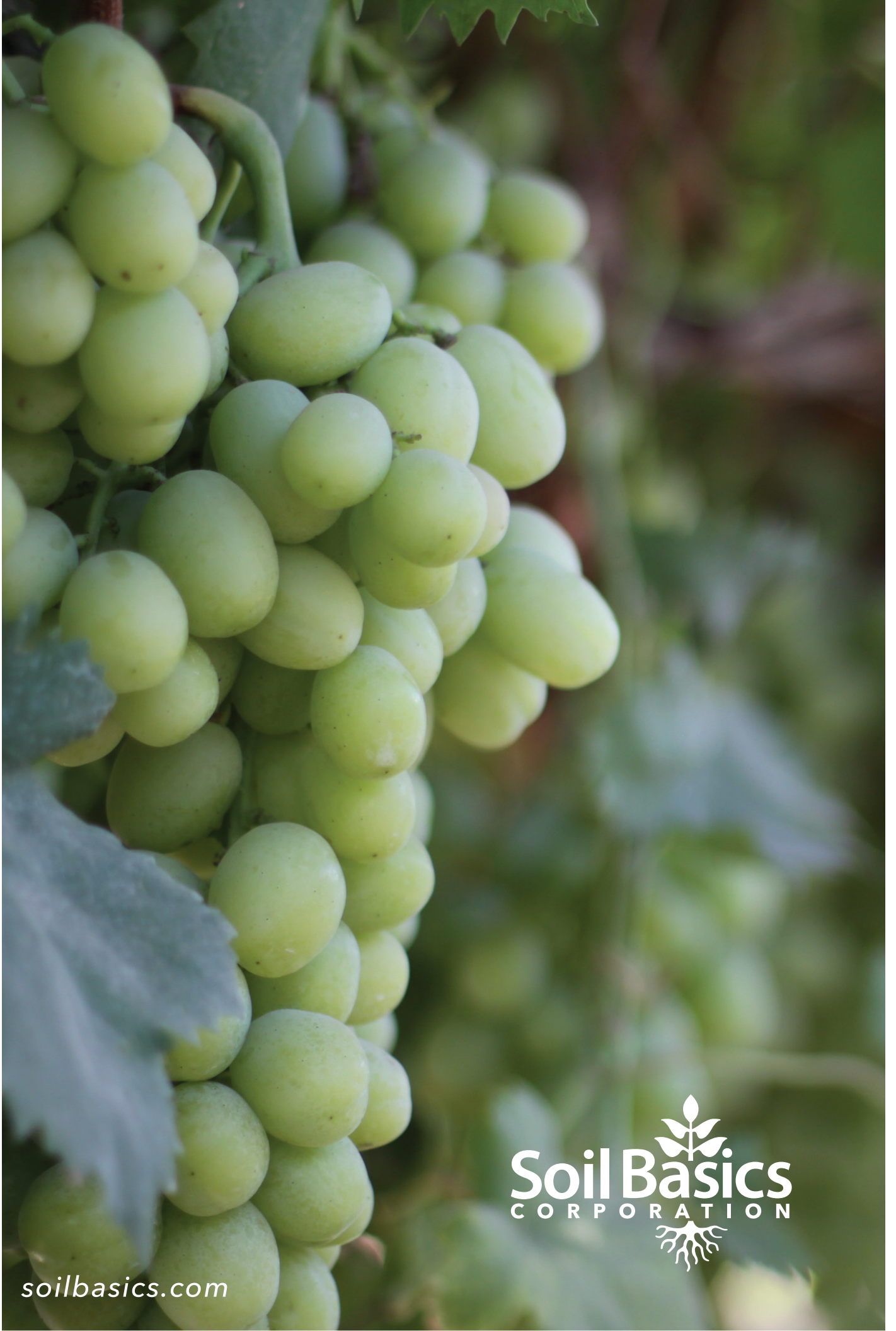
# SBC OASIS EFFECT ON ZINC MOVEMENT



Oasis Zinc  
Untreated







[soilbasics.com](http://soilbasics.com)