

ORGANIC NUTRIENT LINE



SBC HELIX



ORGANIC NUTRIENT LINE

Helix organic products are formulated to deliver pure, efficient nutrition and energy to the plant through amino acids, carboxylic acid groups, humic substances and natural plant extracts. Soil Basics is leading the market with a premium organic product line that delivers the diversity of support required for the microbial, enzymatic and physiological functions within the plant. The SBC Helix product line is WSDA and CDFA organic certified, field-proven and third-party researched. SBC Helix brings organic production to a HIGHER LEVEL.



SOIL AMENDMENTS & ADJUVANTS

SBC Helix OA

SBC Helix OA is a liquid adjuvant containing natural plant extracts which have the ability to break surface tension when applied to soil and foliar surfaces. Research has shown that SBC Helix OA increases efficacy of products when used as a tank mix partner. As with all adjuvants, SBC Helix OA must be used with pesticides in a tank mix application.

SBC Helix Edaphos

A soluble blend of humic substances and metabolites from the microbial digestion of leonardite, this product serves as a carbon source for both soil and foliar applications. Humic substances have been shown to increase the efficacy and efficiency when used as a tank mix partner for all fertilizer and applied nutrients.

SBC Helix Carom

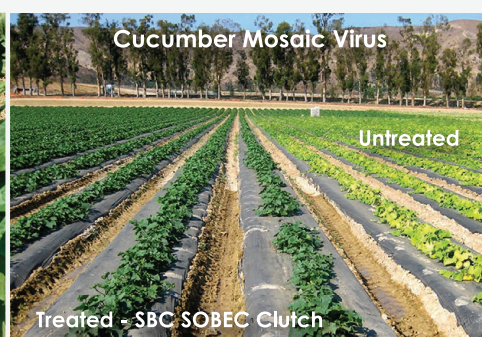
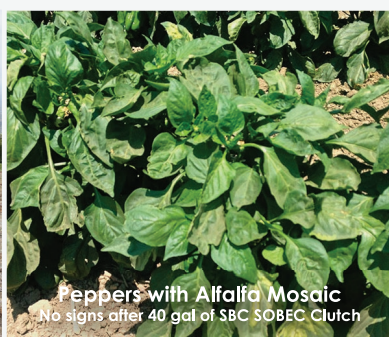
SBC Helix Carom has been used to enable water penetration and lateral movement, increase availability of soil nutrients, and aid in providing a favorable soil environment for microbial sustainability. SBC Helix Carom can be applied "solo" or in nutritional blends.



SOIL BASICS ORGANIC PROGRAM

Microbiology plays a critical role in plant nutrition & soil health. The synergy of a microbial component added to your nutrition program can bring **exponential** results.

Soil Basics has partnered with SOBEC, Inc. — a microbial company that has been leading the industry for thirty years & hallmarked with proven results, high quality products and microbial diversity.



ORGANIC MICROBIAL INPUTS

SOBEC

The Original "Pro-Biotic" for the soil - SOBEC is a microbial solution consisting of a broad diversity of beneficial microorganisms and biological metabolites. Research and commercial use has shown that SOBEC can aid in overall root density and vigor, as well as increased nitrogen efficiency.

SOBEC Clutch

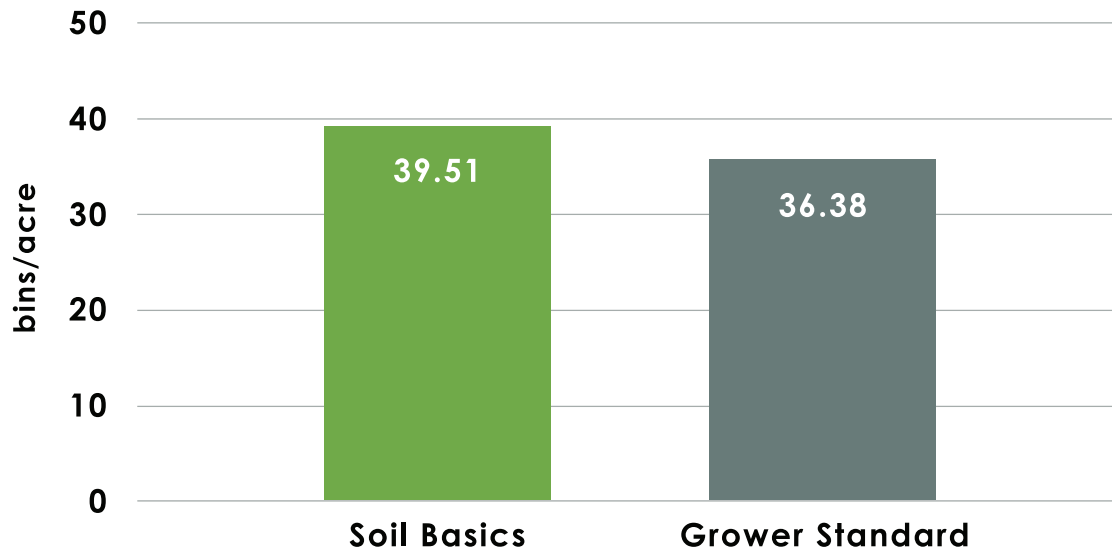
An upgrade on the Original "Pro-Biotic" SOBEC. Through DNA sequencing and third-party field trials proves there is strength in numbers. Add the work force of 12,000,000 distinct DNA strands, 5,497 genetic individuals within a broad-spectrum microbial metabolite concentrate. SOBEC Clutch contains biologically derived organic acids, soluble carbon complex, that augments soil microbial bio-diversity. SOBEC Clutch has also been shown to buffer salts and increase nitrogen utilization.

BHF-10

BHF-10 is the result of an organically certified microbial digestion of leonardite. This liquid product contains diverse microbial metabolites, soluble carbon, and humic substances. BHF-10 buffers salts and is a key component in augmenting organic nutrient blends.

2016 Fuji Apple Yield, Wenatchee

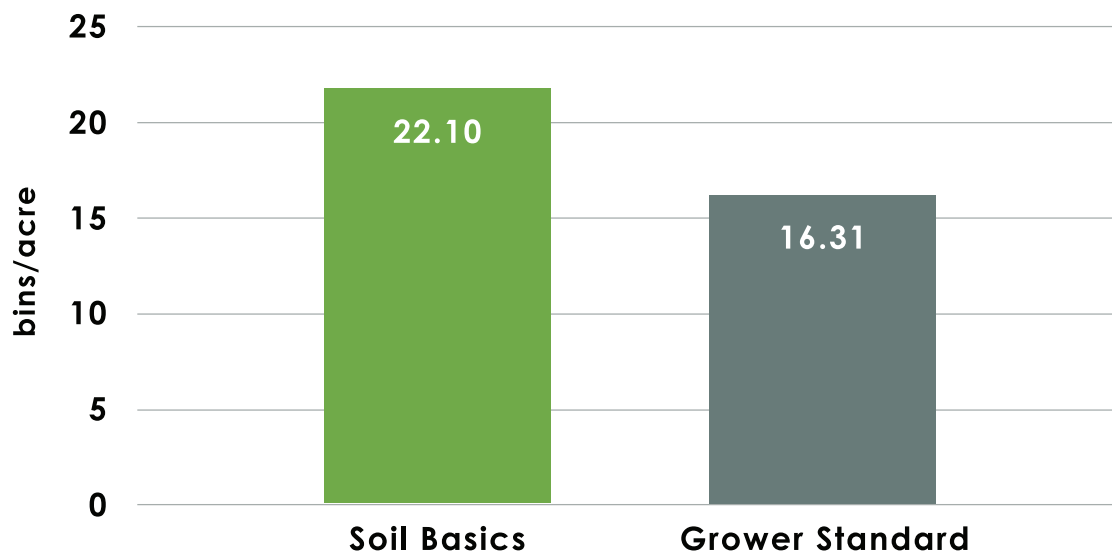
SBC Helix /Sobec Clutch Program



This increase in yield returned \$1,300 more per acre vs. grower standard

2016 Gala Apple Yield, Wenatchee

SBC Helix /Sobec Clutch Program



This increase in yield returned \$3,000 more per acre vs. grower standard

SBC HELIX



ORGANIC NUTRIENT LINE

SBC Helix Boron

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

SBC Helix Calcium

A proprietary formulation containing 2.8% calcium, amino acids, carboxylic acid groups, and natural plant extracts. Relieves environmental temperature stress. It reduces transpiration and increases chlorophyll in leaf tissue. This product can be applied as a foliar or soil application.

SBC Helix Copper

A proprietary formulation containing 4.0% copper, 2.1% sulfur, amino acids, carboxylic acid groups, natural plant extracts. Enhances enzymatic activity in the plant and increases disease resistance.

SBC Helix Iron

A proprietary formulation containing 5.0% iron, 2.9% sulfur, amino acids, carboxylic acid groups, natural plant extracts. Increases chlorophyll production and increases leaf cuticle density.

SBC Helix Magnesium

A proprietary formulation containing 2.5% magnesium, 4.0% sulfur, amino acids, carboxylic acids, natural plant extracts. Increases chlorophyll production and overall leaf tissue health.

SBC Helix Manganese

A proprietary formulation containing 7.0% manganese, 4.5% sulfur, amino acids, carboxylic acids groups, natural plant extracts. Increases efficiency of respiration, and reduces water stress.

SBC Helix Micro

A proprietary formulation containing 0.9% nitrogen, 3.0% sulfur, .37% boron, .57% copper, 1.25% iron, 1.0% manganese, 2.4% zinc, amino acids, carboxylic acids, natural plant extracts. Increases plant metabolic response, promotes healthy tissue growth, and encourages genetic potential.

SBC Helix Torpedo

A proprietary blend of the highest quality fish hydrolysate, stabilized to give it a long shelf-life. The amino acid complex is 100% bio-active.

SBC Helix Zinc

A proprietary formulation containing 6.5% zinc, 3.8% sulfur, amino acids, carboxylic acid groups, natural plant extracts. Facilitates enzymatic activities in the plant and soil microbiology. Can be used for soil and foliar applications.

NUTRIENTS

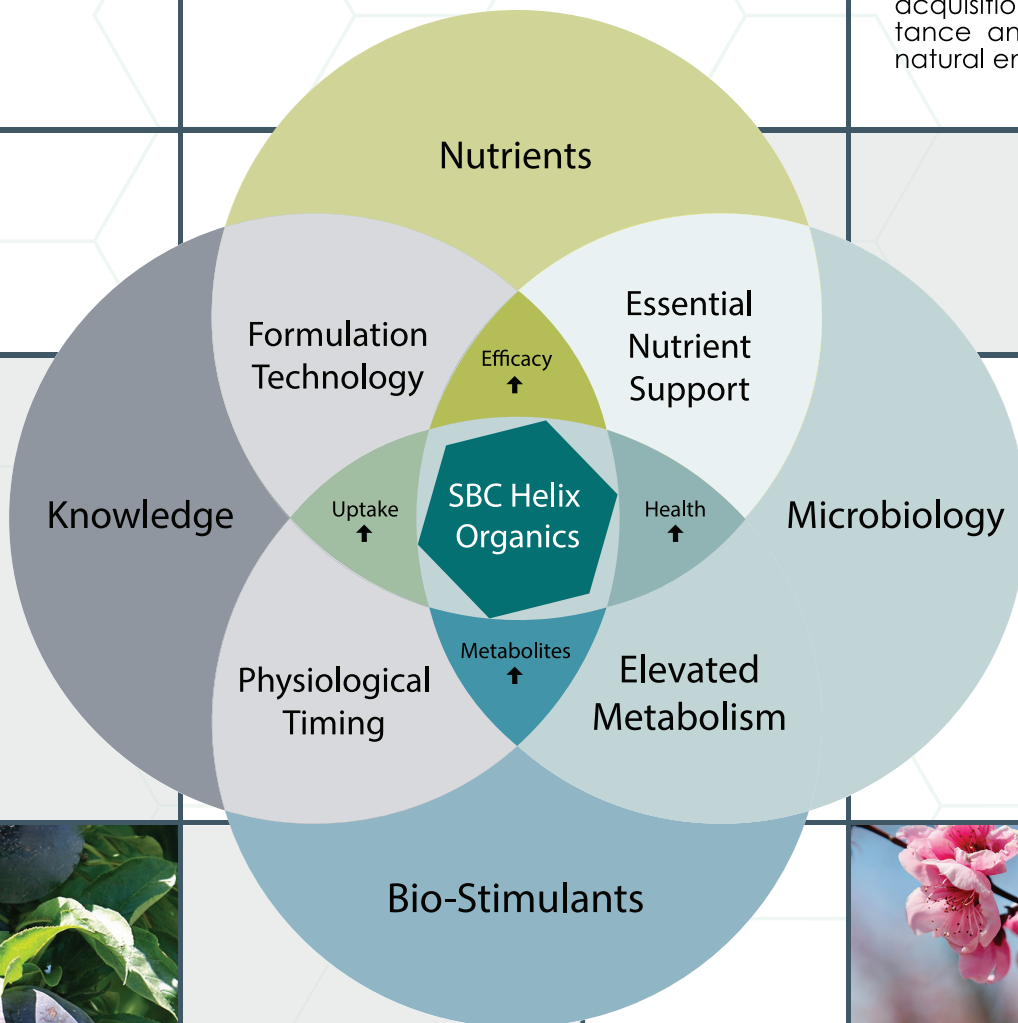
Supporting an elevated plant metabolism and sustaining the natural biological systems. Formulated with purer forms of nutrient sources, thus providing nutrition that has a higher energy signature.



Bringing organic production to a **HIGHER LEVEL**

MICROBIOLOGY

These smallest players can not be overlooked - they have the largest influence on any nutritional program. Microbes - bacterial and fungal - activate the biochemical reactions at the interface of the plant and soil. Their role in the rhizosphere and endosphere facilitates nutrient acquisition, pathogen resistance and is a pro-biotic natural energy source.



KNOWLEDGE

Achieving higher yields and plant health requires a knowledge of how to use the right products to maximize physiological events, alleviate environmental stress, optimize nutrition, and foster the microbial and plant relationship.

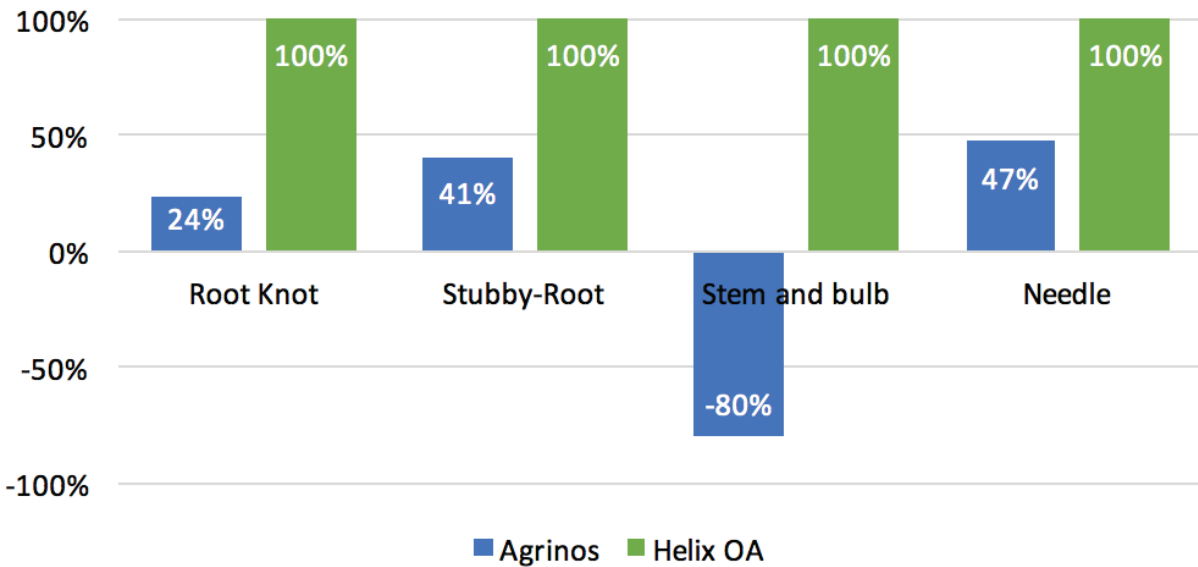


BIO-STIMULANTS

Natural plant extracts, amino acids, humic substances, microbial metabolites, and carboxylic acid groups all promote responses in plants which induce higher levels of production.

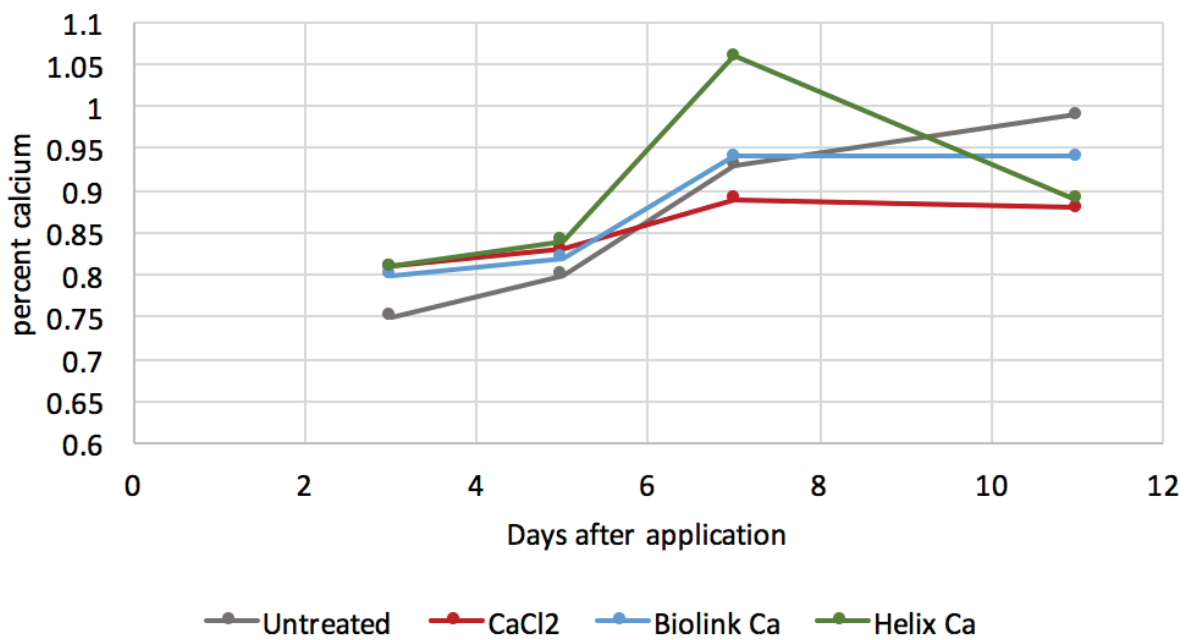
Percent Control Relative to Untreated

2018 Organic Carrots, Washington



Leaf Calcium Content

2017 Ambrosia Apple, Washington





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