



## about Vivebloom™

**Vivebloom products represent an all-natural, innovative approach to improving agricultural yields—without carcinogens or pesticides.**

Vivebloom products increase yields, lower the freeze point for growing fruits, and improve the look and taste of produce. Much as we consume vitamin supplements that promote the healthy function of our bodies, think of Vivebloom products as catalysts that augment a plant's natural ability to grow and resist threats.

All Vivebloom products are **100% carcinogen-free and pesticide-free**. It's a revolutionary way to think about agriculture, but the time for healthy change is now.

For more information on Vivebloom, email us at [info@vivebloom.com](mailto:info@vivebloom.com) or call **877.484.8372** or visit [www.vivebloom.com](http://www.vivebloom.com).



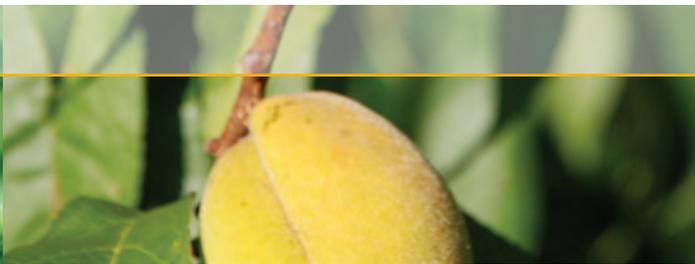
all-natural  
innovation  
that goes  
“beyond green”



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## PLANT BOOSTER

**Vivebloom Plant Booster is not a fertilizer or pesticide.**

Electromagnetic activity at the root of a plant is responsible for the transfer of the nutrients the plant needs to survive. This process is measured in terms of cation exchange capacity, or CEC, which describes a soil's fertility and nutrient retention capacity. Vivebloom Plant Booster enhances CEC: Our solution increases a plant's sugar content, helps it resist disease and pests, and improves photosynthesis.

Soils with low CEC do not retain moisture or nutrients. Good soil with high CEC contains lots of clay and humus, which are negatively charged colloidal particles that carry positively charged ions (cations) like calcium, magnesium, potassium, and sodium. Plants need these nutrients to survive, and obtain them through the root system.

Just as clay, humus, and the organic material of soil is negatively charged, Vivebloom Plant Booster is also comprised of colloidal micelles that carry a negative charge. These particles attract and hold nutrient cations, and allow the roots to absorb them more easily. Numerous field observations demonstrate that the roots of plants sprayed with Vivebloom Plant Booster go deeper and grow larger where they can tap more moisture and additional nutrients.

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Another observable result of using Vivebloom Plant Booster is an increase in the sugar content of treated plants and their fruit. The miracle of photosynthesis allows plants to manufacture their own food—sucrose. Vivebloom Plant Booster is thought to cause an increase in the efficiency of photosynthesis, which results in higher Brix levels (a measure of sugar content).

In an analysis of Vivebloom's Plant Booster formula, an EPA consultant stated that Plant Booster "contains nothing that could be considered an active ingredient," which distinguishes the product from chemical fertilizers and pesticides. When Vivebloom Plant Booster is applied, the plant achieves healthier and stronger growth—not because you've added more nutrients to the soil, but because you've improved the plant's ability to absorb nutrients and leverage its own defenses.

## FREEZE PROTECTOR

**A few degrees can be the difference between a total loss and great profit.**

Many farmers report that spraying with Vivebloom Freeze Protector just prior to a predicted freeze protects crops from temperatures as low as 27 degrees Fahrenheit. A few degrees can be the difference between a total loss and great profit.

When the surface temperature of a plant and its fruit drops to the dew point in the air, condensation occurs. However, if the temperature is below freezing, that water vapor transitions to its solid state: ice crystals. Surprisingly, the formation of ice crystals from frost, or even snow that falls onto a plant's surface, won't directly harm the plant's vitality. The real concern in near-freezing conditions is the

water inside the plant. If this freezes, the plant's tissue bursts as the water expands, just like frozen pipes in a house. Say goodbye to oranges, grapes, and any other delicate fruit not hardy enough to withstand the cold.

Irrigation with water is a common method used to save crops. Spraying water keeps surface temperatures around freezing, and light watering can attenuate some frost/freeze effects. However, the freeze point for Vivebloom Freeze Protector is lower than water. It is comprised of sub-atomic particles that measure only 8 angstroms. (That's small!) This solution harmlessly penetrates the cells of the leaf and fruit, and reduces the freeze point for the cells it occupies. During the early and late parts of the growing season, be on the lookout for frost and freeze advisories, and keep Vivebloom Freeze Protector on hand.

## PRODUCE WASH

**Sweet grapes shouldn't taste sour.**

Blueberries should be blue, not white, and sweet grapes shouldn't taste sour. These foods arrive from great distances covered in residues, wax, pesticides, and dirt. And while washing with water alone is good, using Vivebloom Produce Wash is even better.

Use Vivebloom Produce Wash to wash away undesirable compounds and to extend the shelf life of produce. This all-natural solution neutralizes ethylene gas and breaks down the oil from insecticide sprays. What's left is the true taste of fruits and vegetables, without the chemical taint that characterizes many of the foods we buy. Why settle for anything less than the true taste of fresh, whole food?