

# The BioWash System

Introduced in 2003 to break the cycle of soil, crop, workplace, environment, and home contamination

## Phytochemicals Blend

The system ingredients are processed plant and oil seed extracts known to be effective crop boosters, pesticides and cleaners for centuries turbocharged using nanotechnology. Ingredients are blended at specific time intervals, temperatures to form "colloidal micelles." Each micelle the size of ten hydrogen atoms, or one nanometer. These nano-sized particles penetrate and break up bound soil, and boost movement of water and nutrients into roots and plants.

## BioWash Soil Amendment

Indoor Growing: BioWash Soil Amendment will not alter E.C, is pH stable and can be used with any manufacturer's nutrient program. Apply it at a rate of 1-ml per liter (4-ml (1/8th Teaspoon)/gal. - 0.1353-oz.) of irritation/nutrient solution to deliver from 15% - 300% greater yield. **WARNING:** Inorganic fertilizer must be reduced 30% to avoid nutrient burn.

Outdoor Growing: BioWash Soil Amendment is designed for soil remediation. Remediation is needed when yield and quality are diminishing. A single application of 7-oz. per acre in at least 20-gallons of water will show benefits.

## How it Works

Soils are so clogged with contamination that roots are unable to absorb moisture, oxygen, and nutrients. After multiple years of pesticide and synthetic fertilization applications, millions of acres of agricultural soils are saturated with synthetic contaminants. Application of BioWash Soil Amendment enables aeration and cleansing of the soil to unlock bound up mineral nutrients. BioWash Soil Amendment both improves the root uptake of nutrients and chelates contaminants to help loosen clogged soils and restore them to productivity.

## BioWash 100

BioWash 100 biostimulant is formulated for outdoor growing. BioWash 100 is applied at 5-oz. per acre.

## How it Works

BioWash keeps leaf stomata clear to assure proper functioning of the siphon effect plants need to get fluids and nutrients from the ground up through their stems to their parts that are above ground level. BioWash is compatible for mixing with all agrichemicals to increase their efficiency. It reduces surface tension and improves solubility improving absorption of moisture and nutrients via plant application. It is a fast-acting and highly effective form of supplementing plant fertilization especially for enhancing the supply of secondary nutrients. BioWash increases growth yield and quality while reducing costs. Crop frost damage is reduced. Spraying cut flowers, fruit and vegetables after harvest extends shelf life. Spray systems are cleaned and kept clean.

## BioWash 25

BioWash 25 biostimulant is diluted at 15-ml (0.5-oz.) per gallon of water or nutrient solution for plant spray.

## How it Works

Uptake of nutrients and moisture is increased by elevation of the cation exchange capacity (CEC) increasing root size for improved stamina, increased brix, and terpenes. Natural growth stimulators, auxin, gibberellin and cytokinin plant hormones regulate roots, shoots, and bud growth. Transport of sugars (brix) giving a noticeable improvement in flavor and enhanced smell and taste. Higher brix inhibits pests.

