HYBRID AG

PLANT STIMULANT

BIO-SEA BLACK

HORTICULTURE

BIO-SEA BLACK

Black Sea Kelp (1-1-10) organic liquid sea kelp is derived from sustainably farmed seaweed that is rich in potassium, trace minerals and naturally occurring phytohormones.

Black Sea Kelp nourishes plants and soil microbes with organic carbon, strengthens cell walls with potassium, fortifies plants with naturally-occurring phyto-hormones, chelates micro-nutrients with mannitol (a natural sugar) into forms that are readily available for plant uptake and stimulates root growth and beneficial microbe activity, allowing plants to absorb nutrients more efficiently.

Bio-Sea products have been field and greenhouse tested relentlessly for a quarter century on over 80 different crops worldwide. Such depth of testing has proven two things above all.

- Liquid Kelps provide universal benefits including stress tolerance and stress recovery
- Liquid Kelps help address specific desired outcomes based on each crops unique needs (For crop specific information, please see the Crops tab below)

STRESS RESISTANCE

Liquid Kelps are proven to produce a healthier, more productive plant even in times of stress including drought, salinity and temperature. Liquid Kelps improve your plants' ability to resist and better recover from stresses. This enhanced stress resistance and recovery has been demonstrated on a wide range of crops and plants. When a plant is treated with Liquid Kelp before a stress occurs, the plant is better able to tolerate that physiological or environmental challenge.

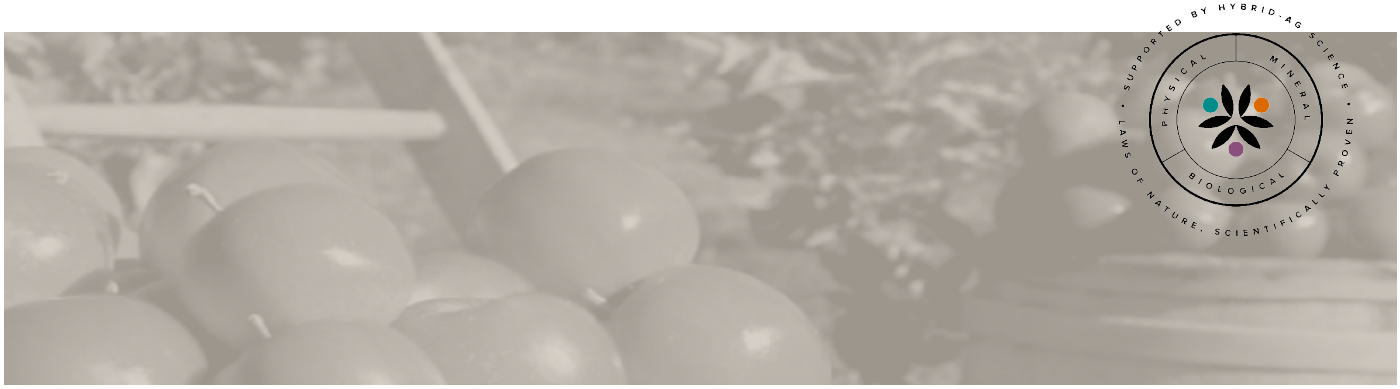
When trees or vines are treated following harvest, plants show enhanced recovery from the stress of harvest, are better prepared for dormancy and build reserves a strong next season. Plants treated with Liquid Kelp are better able to make the most efficient use of water and nutrients giving you top crop production.

ROOT GROWTH AND PLANT DEVELOPMENT

Improving plant development and root growth is vital to a crop's success. Growth, quality and yield all depend on a strong plant with a large, healthy root system. Liquid Kelps have been tested on a variety of crops in the greenhouse and in the field and are proven to increase root and plant development. Give your crops the best start possible with Bio-Sea products.

NUTRIENT UPTAKE

Liquid Kelps help you get the most out of your fertiliser program. They help nutrients by enhancing root growth, encouraging healthy microbial populations and they contain natural sugars which



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serve as natural chelators. Liquid Kelps help make the best possible use of nutrients and in doing so, significantly increase yield and quality.

YIELD AND QUALITY

Years of research has proven Liquid Kelp maximises high quality crop yields. Improvements in yield have been demonstrated in both size and number of fruit. This increase in yield and quality has been demonstrated in a wide range of plants even during times of stress. Increasing yield while improving quality attributes, such as firmness, colour, size and crop uniformity, gives you the competitive edge and increased profits.

NATURAL HORMONE PRODUCTION

Plant hormones promote and influence the growth, development and differentiation of cells and tissues. Being able to understand and promote specific plant hormones at the right times can mean a healthier, more productive crop. Liquid Kelp can elicit natural cytokinin and auxin production in plants resulting in better growth with more buds, healthier, greener leaves and increased tolerance to environmental stresses. Including Liquid Kelp in your crop program improves cytokinin-like activity vital to plant health and crop yields including stimulating cell growth and division, shoot initiation and bud formation, leaf expansion and chlorophyll synthesis.

Fulvic acid is included in this unique blend because of its amazing versatility. Like an incredible microscopic liquid sponge, fulvic acid has an enormous capacity to absorb toxins and pollutants and assist in their breakdown.

TYPICAL ANALYSIS

Major Elements	**(w/v%)**
Potassium	3.0%
Nitrogen	0.3%
Phosphorus	0.2%
Sulphur	0.2%