



Wild Harvested Abalone

WHA Soil 5P Improver

Wild Harvest 100% Australian Organic Abalone
Plus 5 Active Pro-Biotic Bacillus Bacteria

Soil Improving 5P Liquid Abalone Fish Fertilizer

CASSA Wild Harvested Abalone Liquid Fish Fertilizer uses 100% local Wild Harvested Abalone. Improves soil health and increases soil fertility by providing the primary nutrients and active micro-organisms necessary for plants to thrive. WHA Soil Enhancing Fertilizer offers a source of burn-free nitrogen, along with other primary nutrients of phosphorus and potassium. Unlike synthetic fertilizer, it provides secondary nutrients such as calcium and active micro-organisms. Plants grown in soils abundant in active micro-organisms that receive a balance of primary and secondary nutrients experience strong and steady plant growth leading to vigorous healthy plants that can better withstand disease and pest issues. Our liquid abalone fertilizer range are all free-flowing organic liquid. They are easy to decant into mixing and irrigation tanks and are guaranteed to pass easily through all forms of spray equipment, which means no more spray nozzle blockages and wasted downtime. The improved efficiency of our easy flow fertilizers means our products are rapidly absorbed and deliver the nutrients evenly. WHA Liquid Abalone Fertilizer is a completely natural non-toxic organic product that is safe on all soils and plants and can be used all year round.



INGREDIENTS: 100% Wild Harvested Australian Abalone, Fish, 5 x Pro-Biotic Bacteria
(Available in convenient 20L Drums and bulk 200L Drums and 1000L IBCs.)

FOR ALL SOILS AND PLANTS INCLUDING NATIVES, FLOWERING, FRUITING, SEEDLINGS AND LAWNS

WHA Abalone Fish Fertilizer Contains a cocktail of beneficial Active Micro-organisms including:

Photosynthetic bacteria like Rhodospseudomonas spp and Bradyrhizobium spp require only sunlight, carbon dioxide and mineral nutrients to survive. They are important in recycling organic matter, particularly compounds that are difficult to break down -such as pesticide and petrochemical residues. They are also important for synthesis of bio-active compounds that are known to stimulate plant growth.

Yeasts such as Saccaromyces spp, Debaryomyces spp, Torulopsis spp and Rhodotrulla spp synthesise are plant growth substances from amino acids and sugars that are produced by photosynthetic bacteria. These substances also promote the growth of Lactic acid bacteria and Actinomycetes.

Lactic acid bacteria such as Lactobacillus spp, Leuconostoc spp, Lactococcus spp and Pediococcus spp produce Lactic Acid from sugars and carbohydrates. Lactic acid is a strong bio-suppressive compound that helps control harmful micro-organisms. This effect, together with other trace nutrients produced by members of this group, is particularly beneficial to the growth of Photosynthetic bacteria and Yeasts.

Actinomycetes such as Actinomyces spp and Streptomyces spp produce anti-biotic compounds that are effective suppressants of pathogenic organisms. They have also been shown to produce plant hormones especially when treated with kelp extracts.

Fungi such as Aspergillus spp, Penicillium spp, Mucor spp and Rhizopus spp have many beneficial effects on plant growth. These include the production of enzymes, anti-biotics and various growth regulators. They are also important in the conversion of organic matter to humic substances. Some of the less complex compounds produced from this process are also important food sources for some bacteria.

Cellulose Utilisers like Trichoderma spp require only minerals and cellulose for growth. These fungi break down plant remains into organic materials that are beneficial to other micro-organisms such as Protozoa.

5P (5 x Active Pro-biotic Soil Enhancing Bacillus Bacteria)

Beneficial bacteria and fungi are active in healthy soil. These beneficial living microbes help to break down soil nutrients and stop highly valuable nutrients from absorbing into the air or water. The addition of Active Pro-Biotics into the soil through enhancing fertilizers restore nutrient levels and enable the plants to use the soil nutrients more effectively. By injecting 'good' microbes into the soil this can dramatically increase crop yields and pest resistance. Bio-fertilizers can also improve water retention levels in soils and increase plant root mass.

WHA SOIL 5P IMPROVER BENEFITS

- ✓ Excellent Natural Plant Booster and Microbe Food Source
- ✓ Reduces Plant Disease and Stress and Increases Pest Resistance
- ✓ Revitalizes, Regenerates and Detoxifies Poor Soil
- ✓ Natural source of Nutrients, Vitamins, Proteins and Amino Acids
- ✓ Contains Macro and Micro Nutrients that are Soluble
- ✓ Stimulates Existing Soil Microbes, Increases Moisture Retention & Soil Aeration
- ✓ Restores Nutrients, Improves Soil Aggregation and Bio-diversity
- ✓ Stimulates accelerated Root Growth and Promotes Strong Cell Growth
- ✓ Establishes Improved Bio Energy Foundation
- ✓ Improves the appearance of Fruit, Vegetables, Flowers and Foliage
- ✓ Organic All Natural, Non-toxic and can be used on all Plants

PRODUCT CODE: WHASSPI (20L, 200L, 1000L)



All CASSA AgriTec microbes and enzymes are naturally occurring and sourced from nature. They are readily bio-degradable and have not been genetically modified. CASSA AgriTec microbes and enzymes are extracted using a proprietary enzymatic fermentation process avoiding chemical polluting treatments and carbon polluting methods.