



AUGUST 2012 NEWSLETTER



Every plant like any organism needs certain components for growth over and above soil, sun, rain and air. The basic component of living cells is proteins, with building block material, Amino Acids. Proteins are formed by sequence of Amino Acids.

Plants synthesize Amino Acids from the Primary elements, the Carbon and Oxygen obtained from air, Hydrogen from water in the soil, forming Carbon Hydrate by means of photosynthesis and combining it with Nitrogen which the plants obtain from the soil, leading to synthesis of amino acids, by collateral metabolic pathways.

Only L-Amino Acids are part of these Proteins and have metabolic activity.

Amino Acids are fundamental ingredients in the process of Protein Synthesis. About 20 important Amino Acids are involved in the process of each function. Studies have proved that Amino Acids can directly or indirectly influence the physiological activities of the plant.

Amino Acids are also supplied to the plant by incorporating them into the soil. It helps in improving the microflora of the soil thereby facilitating the assimilation of nutrients.

Foliar Nutrition in the form of Protein Hydrolysate (Known as Amino Acid Liquid) and foliar spray provide ready-made building blocks for protein synthesis.



Ultra-Fish fertiliser is an enzymatically digested hydrolyzed liquid fish fertiliser. Rich in nutrients that promote richer, stronger plant growth.

A complete fertiliser, Ultra-Fish is naturally rich in minerals and trace elements and includes a mineral that promotes even better nutrient uplift by plants and grasses.

Ultra-Fish also contains original Protein, omega-3 fish oils and calcium often removed during high temperature processing. You see the improved condition in pasture animals and crops.

Along with reduced use of acidifying fertilisers, Ultra-Fish stimulates earthworm, dung beetle and microbial activity rebuilding depleted soils.

Ultra-Fish is directly anti-fungal and enhances resistance to a broad range of plant pathogens and chewing insects.

With regular use Ultra-Fish successfully controls aphid and mite infestations and reduces nematode populations when added directly to the soil.



Humic acids are the foundation of all fertile soils. Over the years, these humic acids accumulate in the soil to provide the soil with greater nutrient holding ability, water holding capacity, readily available carbon food source for beneficial soil micro-organisms and better soil structures.

This is Nature's way of minimising nutrient losses in order to maintain long-term soil fertility and to ensure sustainable plant growth.