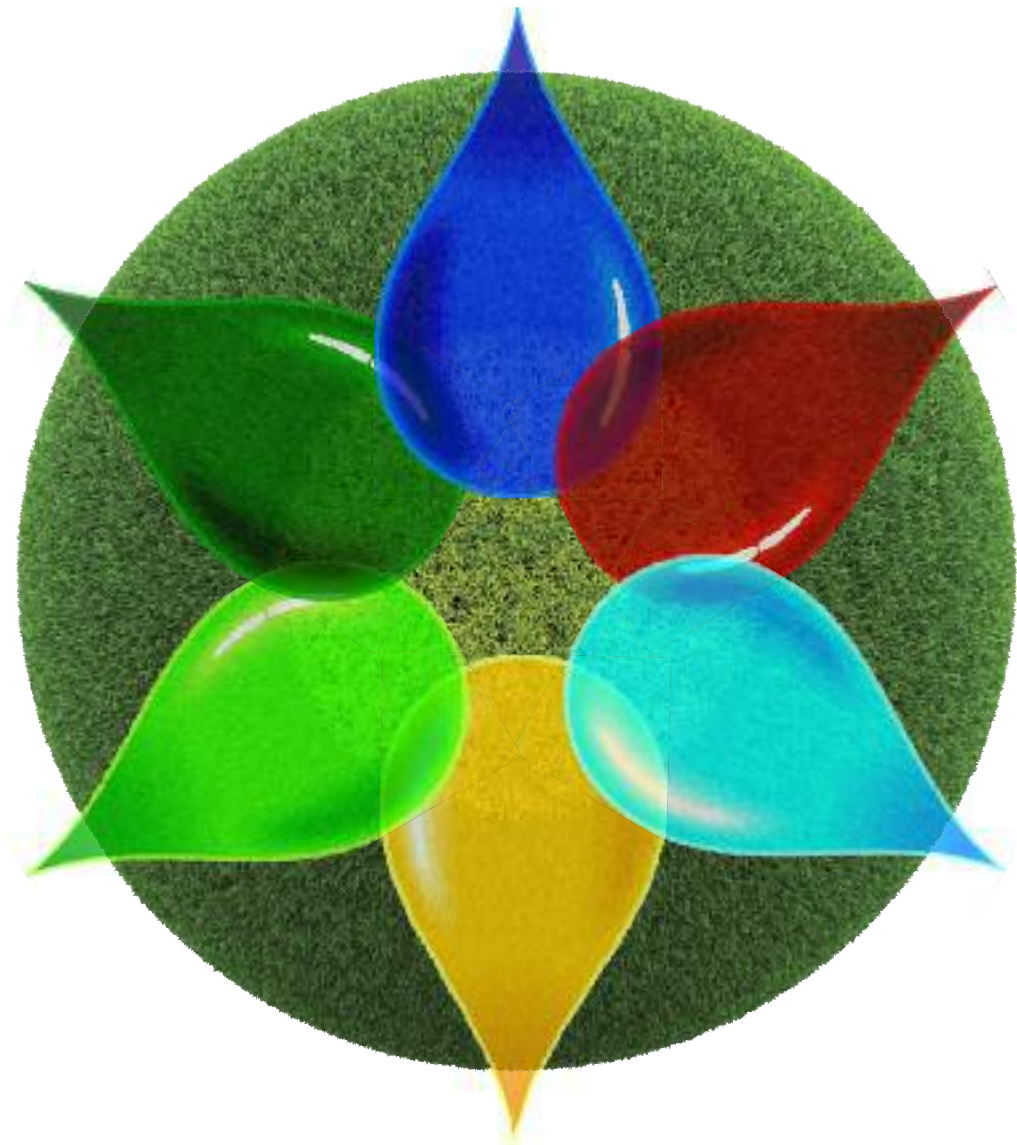




Nutri Link

The system that provides
plant health solutions



Nutri Link

The Nutri-Link system is a synergistic approach to turf nutrition where the combined effect is greater than their individual contribution



The **Nutri-Link** system comprises of six specially formulated liquid supplements developed specifically for use on a wide range of turf surfaces. Applied as a foliar spray, **Nutri-Link** solutions are taken up by both the leaf and the root and are designed and formulated to supplement granular applications, or used as stand-alone nutritional inputs. They are also a perfect supplement for sand-based constructions.

Linked together, the **Nutri-Link** components provide multiple solutions to the macro and micro problems confronting today's greenkeepers and groundsmen, including soil structure, microbial activity, biotic and abiotic stresses. Such a synergistic approach will improve plant health and performance as their individual strengths, when working together, provide greater benefits than when used singly.

The introduction of the **Nutri-Link** system offers the greenkeeper and groundsman a range of turf health benefits that support granular nutritional programmes by providing prescriptive solutions to perennial problems.

These solutions have the ability to assist the plant to withstand and overcome stress, whilst maintaining and enhancing turf grass quality.

The **Nutri-Link** solution is linked to solving a particular problem or supporting an in season programme, providing many of the following benefits:

- 🔴 Enhanced root mass and depth
- 🔴 Increased tillering and denser sward
- 🔴 Improved disease tolerance
- 🔴 Better drought resistance
- 🔴 Improved cell wall structure
- 🔴 Rapid recovery from wear and mechanical damage
- 🔴 Enhanced and extended greening
- 🔴 More rapid germination establishment
- 🔴 Reduced salt toxicity
- 🔴 Greater tolerance to excessive temperature
- 🔴 Improved photosynthesis capability
- 🔴 Enhanced carbon sequestration

Tank Mixing

All **Nutri-Link** products can be successfully tank mixed together and with plant growth regulators like **Maintain NT**.

It is important however when mixing with pesticides to follow the labelled instructions and undertake small scale compatibility testing.

When tank mixing with other products, first half fill the tank with water, add the required amount of **Nutri-Link** product, followed by any pesticide to be added and continue filling with water.

Recommended water volume rates range from 300 to 500 l/ha to obtain a uniform coverage. Ideally, foliar applications, particularly during summer months, should be made early morning or later in the day.

NutriLink

The science behind the signs



All-year-round application capability is vital as no one year is the same, so the ability to be able use products at any time of the year allows for more programme flexibility



Free Amino Acids in L form improves stress resistance and enhances plants ability to recover from stress caused by drought, wear, water logging, excess salts, etc



A more upright leaf growth habit will allow for a cleaner cut, reducing tissue wounding that may lead the plant more open to disease attack



Provides rapid greening of turf surfaces. Iron content allows for wintering hardening of leaf prior to onset of winter conditions



Amino and Fulvic Acids assist the plants own defence mechanisms, stimulating root growth with rapid root and plant tissue recovery



Provides enhanced beneficial soil microbial activity and de-activates damaging enzymes produced by pathogens that compromise plants immune systems



Assists in hardening plant leaf tissue, making it less susceptible to wear, disease attack and the onset of cold winter weather



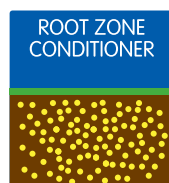
Specially developed solutions for ease of mixing and compatibility* when of tank mixing with other products



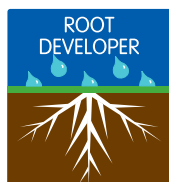
Improves stress resistance during periods when conditions place extra demands for more energy on the plant. Increases photosynthesis and chlorophyll content



Enhances seed germination and establishment. Improves nutrient uptake, leading to faster rooting and extended shoot development.



Improves and rejuvenates soil structure. Humic Acid restructures the soil by altering/rearranging the soil platelets, making the soil more friable, creating more pore spaces and a better balance of air and moisture holding capacity



Plant growth hormones improve root and shoot development, stimulate rooting mass and length. These hormones, combined with simple plant sugars help improve seed rooting and establishment



Simple plant sugars increase soil microbial activity and provide soil microbes with an available food source. The sugars are rapidly absorbed and assimilated by the plant providing an immediate food source to offset stresses



Advanced chemistry and formulation technology provides a range of solutions that are readily mixed together in multiple combinations to achieve seasonal programme objectives



Addition of a trace element package provides additional supplements and helps the plant correct non-diagnosed deficiencies

*When mixing with chemicals always follow the manufacturer's recommended rates of use. It is advised to undertake physical compatibility tests before use of product combinations.



12-0-0 + 8CaO + Fe

A unique formulation that can be used alone, or as part of a combination with others from the Nutri-Link range to promote sward density, wear resistance and disease tolerance.

The turf plant metabolic functions are enhanced by the addition of simple and complex bio-stimulants. The use of oligosaccharides (saccharide polymer) ensures that Carbon and Nitrogen assimilation and cell wall formation are increased, improving growth and defence against pathogens. Enzyme activation and formation of the middle lamella improves disease tolerance, and along with the Nitrogen, which promotes sward density, wear tolerance is also improved. The formulation aids reduction in dew formation in the first 24 hours.



Nutri-Link Base 12-0-0 + 8CaO + Fe		
Application rate:	20-40 l/ha	
Water volume:	Minimum 500 l/ha	
Pack sizes & RT order codes	20 litre	0108163/020
	200 litre	0108163/200
	800 litre	0108163/800



10-2-7 + Trace Elements

A balanced NPK formulation with full trace element package that provides a complete nutritional response for promoting leaf strength, sward density and enhanced colour.

ATP production is improved, aiding the storage and use of carbohydrates. Osmoregulation is enhanced, enabling the plant to effectively respond to drought stress. Contains enzyme activators that assist in the production of essential growth hormones. Carbohydrate and protein metabolism is enhanced, along with the formation of lignin in the secondary cell wall.



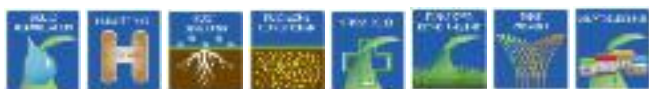
Nutri-Link Leaf 10-2-7 + Trace Elements		
Application rate:	20-50 l/ha	
Water volume:	Minimum 300 l/ha	
Pack sizes & RT order codes	20 litre	0108165/020
	200 litre	0108165/200



Humic and Fulvic Acids

A formulation specially designed for developing root systems through boosting the development of roots mass, root length and stimulation of beneficial micro-organisms.

Enhanced root depth boosts the availability of water and nutrients. Containing both Humic and Fulvic acids, Nutri-Link Root will facilitate and assimilate nutrients and improve the physical, chemical and biological characteristics of the rootzone. Nutrient uptake and availability is improved, as is the stimulated growth and proliferation of desirable micro-organisms. Reduced leaching will be achieved as the result of enhanced soil structure and accelerated cell division results in higher biomass production.



Nutri-Link **Root** Humic and Fulvic Acids

Application rate: 10-20 l/ha

Water volume: Minimum 300 l/ha

Pack sizes &	20 litre	0108165/020
RT order codes	200 litre	0108165/200



3-0-0 + 22% Seaweed + Amino Acid

A stress-busting formulation providing L-Amino Acids, organic acids, natural hormones for alleviating stress, improving plant recovery and stimulating beneficial microbial activity.

Abiotic stress resistance is enhanced, as is recovery from wear, cold, heat and drought. The addition of L-Amino Acids provides improved absorption of nutrients due to the chelating properties, and in conjunction with a small amount of nitrogen, ensures a quick perk-up. The plants demand for amino acids when in stress conditions, is greater than it can produce, so Nutri-Link Revive provides these to improve plant health. Root growth, both mass and length, are increased in the stressed plant and beneficial microbes are stimulated.



Nutri-Link **Revive** 3-0-0 + 22% Seaweed + Amino Acid

Application rate: 10-20 l/ha

Water volume: Minimum 500 l/ha

Pack sizes &	20 litre	0108166/020
RT order codes	200 litre	0108166/200



5-0-0 + 5Fe + Carbohydrates

A complementary addition to the range providing rapid leaf absorption and enhanced green-up for excellent surface presentations. Assists the availability of nutrients tied up in the rootzone.

The use of an organic bio-stimulant provides a food source for soil microbes and acts as a catalyst for enzyme production to ensure nutrient availability for the plant. Nutrients and sugars are absorbed quickly through the leaf, and because the organic bio stimulant acts as a chelating agent, nutrients tied-up within the rootzone can also be readily absorbed.



Nutri-Link Green 5-0-0 + 5Fe + Carbohydrates

Application rate: 10-20 l/ha

Water volume: Minimum 400 l/ha

Pack sizes &	20 litre	0108167/020
RT order codes	200 litre	0108167/200



0-0-7 + 10%Silicon

A formulation designed to improve the tolerance to surface wear. The added Silica strengthens and stimulates the cell wall, 'lifting' the leaf blade for a cleaner, more uniform cut.

The mix of Potassium and Silicon produces a more resilient sward and this combination has been shown to strengthen cell walls and stabilize lignin formation. The Silicon is transported from the roots to shoots and deposited in many parts of the plant, including epidermal cells and cell walls. This leads to a more erect blade and a more uniform distribution of light over the sward, which improves the photosynthesis capability of the plant, especially in high stress periods.



Nutri-Link Stand 0-0-7 + 10Si

Application rate: 10-20 l/ha

Water volume: Minimum 400 l/ha

Pack sizes &	20 litre	0108167/020
RT order codes	200 litre	0108167/200

Nutri-Link

POPULAR PROGRAMMES

The Nutri-Link range is a supplemental nutritional and bio-stimulant system, which offers multiple solutions to be used in conjunction with a granular fertilizer programme. The system can also be used for stand-alone nutritional+biostimulant input.

Colour Balance



Balanced NPK with Iron and trace elements. Provides rapid green-up, and improved disease tolerance. Abiotic and biotic stress relief is enhanced and delivered through microbial stimulation and the activation of enzyme production.

Products	Rate of Use	Water Volume	Area
Green	20 litres	300-400 litres	1 ha
Leaf	20 litres		

Regenerater



Stimulates root mass and depth. Contains a source of vitamins A.C.E, which together with Amino and Fulvic acids, will enhance seed establishment and provide nutrient availability and CEC activity.

Products	Rate of Use	Water Volume	Area
Root	10 litres	500 litres	1 ha
Revive	10 litres		

De-Stress Booster



Contains Nitrogen, Calcium and Iron with added seaweed, Amino Acids and sugars. Stimulates nutrient uptake, increases root mass and depth, increases microbial leading to enhanced cell development and strength.

Products	Rate of Use	Water Volume	Area
Base	20 litres	500 litres	1 ha
Revive	20 litres		

BiO Boost Hardener



Contains Nitrogen, Iron and Calcium with added seaweed, and sugars. Improved lignin synthesis and middle lamella production for improved disease tolerance. Added bio-stimulation agents and phytohormones aid stress resistance. Input: N 3.24 – N4.86 kg/ha.

Products	Rate of Use	Water Volume	Area
Green	20 litres	500 litres	1 ha
Base	20 litres		

Root 'n Carb Booster



Stimulates plant vigour and activates tolerance to stress. Provides rapid green-up and colour and increased nutrient uptake. Encourages beneficial micro-organism development and activity.

Products	Rate of Use	Water Volume	Area
Green	10 litres	350-400 litres	1 ha
Root	10 litres		

Cell Wall Booster



Contains Nitrogen, Potassium, Calcium and Silicon with added seaweed. Stimulates cell strength and a more upright leaf growth for a cleaner, more uniform cut. Less susceptible to disease attack. Opens up more light utilization to the sward. Input: N 6.24 kg/ha

Products	Rate of Use	Water Volume	Area
Base	40 litres	500 litres	1 ha
Stand	10 litres		