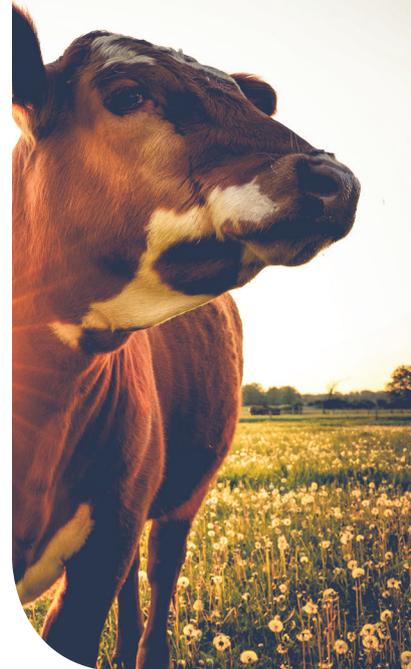


Terrasol Blue™

Salt Reducer



Bio Gro Terrasol Blue is a fulvic based liquid plant supplement formulated from plant derived natural deposits of Australian Peat. Terrasol Blue is extracted using an environmentally safe cold extraction process and is fortified with natural plant growth stimulants derived from Australian seagrass (*Posidonia australis*) extracts.

Benefits

- ✓ Terrasol Blue reduces the salt toxicity caused by excessive salts (sodium chloride) in the plant tissues
- ✓ Terrasol Blue increases the Nitrogen uptake in plants by reducing the levels of sodium chloride salinity
- ✓ Terrasol Blue increases the dry matter content in plants
- ✓ Terrasol Blue increases the availability of nitrate, sulphate, borate and molybdate anions
- ✓ Terrasol Blue helps in overall plant growth and reduces stress

How it Works

Terrasol Blue is made up of powerful electrolytes, which through their strong chelating ability are able to separate salt molecules into individual ions. They trigger the soil microorganisms to carry out transmutation reactions - a biological process occurring within the living organisms - resulting in the individual ions to be transmuted and prevents its entry into the plant tissues and reduces the salt levels within the soil.

Proven Results

- Barley trials conducted in the Lower South East of Australia demonstrated a reduction in chloride levels from 1.43% to 0.36 % and a reduction in sodium levels from 0.57% to 0.07% in the plant tissues with only a single application of Terrasol Blue.
- In a three month trial undertaken by a large scale dairy farm within the Lower South East of Australia, chloride levels were reduced by 23% in just seven days after the first application of Terrasol Blue and up to 40% after the third treatment.

Recommended Use

Pasture	Promotes post-grazing chloride reduction
Potato Crop	Reduction in chloride levels throughout the irrigated growing season
Field Crops	Mitigates the sodium/chloride levels pre-tillering, pre flowering
Irrigation	Reduction in salt levels with each irrigation

Application Rates

Apply through boom spray/ fertigation with minimum of 100 litres of water

Application	Application Rate
Field Crops	3-5 L/Ha pre-tillering or pre-flowering
Horticulture Crops	Apply 5 L/Ha as a foliar with each irrigation or fortnightly throughout the growing season
Pasture	5 L/Ha after each grazing
Potted Plants	Use at 0.5% concentration i.e. 1 part in 200 parts water

* Jar test for physical compatibility before mixing with other chemicals prior to widespread application.

Typical Analysis

Fulvic Acid	5% (minimum)
Water soluble Phosphorus	1.8%
Water soluble Potassium	2.5%
Total Nitrogen	0.5%
Calcium	120 mg/L
pH	4.2 - 4.4

Handling & Storage

- When combining with other chemicals, add this product to the tank last
- Shake concentrate thoroughly before adding to tank
- Shake or stir before use, especially when near empty to dissolve the residue on the bottom of the drum
- Do not pre-mix or store in diluted form, use the diluted product within 24 hours of mixing
- Store in a cool, dry area out of direct sunlight

Packaging

Available in 20 Litre, 200 Litre and 1000 Litre containers

For more information, please contact us on
1800 BIOGRO or service@biogro.com.au.
www.biogro.com.au

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