

Terrasol Humate™

Liquid Soil Conditioner



Bio Gro Terrasol Humate is a liquid humic and fulvic acid soil conditioner designed to improve soil structure and plant nutrient availability. Terrasol Humate is formulated from plant derived natural deposits of Australian Sedge Peat and is extracted using an environmentally safe cold extraction process.

Benefits

- ✓ Terrasol Humate improves soil microbe activity by acting as a carbon food source for beneficial fungi and bacteria
- ✓ Terrasol Humate improves soil structure
- ✓ Terrasol Humate increases cation exchange capacity (CEC)
- ✓ Terrasol Humate increases water holding capacity
- ✓ Terrasol Humate increases the effectiveness of applied fertilisers
- ✓ Terrasol Humate generates healthy root development and stimulates cell elongation and division
- ✓ Terrasol Humate stabilises and buffers the soil against increased acidity from fertiliser application
- ✓ Terrasol Humate increases plant uptake of essential nutrients through foliar and root application
- ✓ Terrasol Humate helps in salt remediation
- ✓ Terrasol Humate increases a plants natural resistance to disease and adverse conditions such as heat, drought and frost

Recommended Use

Available in 2 concentrations:

Terrasol Humate 18%: 600 micron filtered product; suitable for centre pivot application

Terrasol Humate 12%: 150 micron filtered; suitable for drip line and boom spray application

Pasture	Helps in soil remediation; promotes healthy soil microorganisms
Potato crop	Increased moisture retention, increased nutrient availability in the root zone
Field crops	Improves soil structure, increases retention and plant availability of nutrients
Potted Plants	Increased water holding capacity, enhanced uptake of applied fertilisers

Application Rates

Centre pivot applications: **Terrasol Humate 18%**

Drip line and boom spray applications: **Terrasol Humate 12%**

Application	Application Rate with 100 litres of water
Indoor and outdoor potted plants	25-50 ml; apply fortnightly. Soak the soil around the plant to feed the roots or use as a foliar application
Vines and fruit trees	50 ml; foliar spray fortnightly from blossom until two weeks before harvest
Field crops	10 L/Ha diluted with minimum 100 litres of water; twice a year during the crop life
Turf	20 L/Ha; diluted with minimum 100 litres of water twice prior to Spring and Autumn

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

Typical Analysis

Total water soluble humate and fulvate	12-18%
Total Potassium (K)	4.9%
Total Nitrogen (N)	2.1%
Total Phosphorus (P)	0.04%
Total Calcium (Ca)	0.05%
pH	11.2-11.4%
Specific Gravity	1.1g/cm ³

Handling & Storage

- When combining with other chemicals, add this product to the tank last
- Shake concentrate thoroughly before adding to tank
- 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