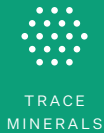


LignoHumate™

Soil Conditioner

HUMIC AND FULVIC ACIDS | LIGNOSULFONATES

Formulated to provide support for poor soils or when phosphate application is restricted, with the ability to reduce nutrient leaching. Derived from sustainably harvested trees and weathered lignite coal, LignoHumate™ is an organically certified (please see restrictions for Taiwan and European Community) source of broad spectrum soluble lignins, humic and fulvic acids formulated to increase nutrient uptake and buffer the impact of synthetic products on the biological environment.



Waikaitu 



Component	g/L
Lignins and Humic and Fulvic acids	1
Magnesium (%)	4.0
Phosphorus (%)	4.0
Potassium (%)	4.0
Organic matter	5
Trace elements	mg/L
Calcium (%)	8.0
Copper (%)	1.0
Iron (%)	1.0
Manganese (%)	1.0
Magnesium (Mg)	40
Sulfur (%)	200
Zinc (%)	1.0

Soil Conditioner

WITH LIGNOSULFONATES,
HUMIC & FULVIC ACIDS

Formulated to provide support for poor soils or when phosphate application is restricted, with the ability to reduce nutrient leaching. Improve soil properties and soil microbial diversity.

LignoHumate™

Application: Developed for fertigation in open field crops and for seed dressing. Apply at concentration ranges between 100-1200 L/ha.

Soil 2-3 applications per season, 20-50 L/ha

Notes: Can be used with wide range of commonly used chemical fertilisers, however, do not mix with ammonia concentrations or spraying oils.

Refer to our Technical Data Sheet for more specific crop requirements.

FOR SOIL APPLICATION ONLY

SHAKE WELL BEFORE USE. USE WITHIN 2 MONTHS OF OPENING.

Conditions of Sale: As presented and to be applied under the general and specific conditions of sale, unless otherwise specified. The responsibility for the damage or injury attributable arises from the storage, handling, application or other product.



Not for human consumption. Keep out of reach of children.



Superior
yields,
naturally

Waikaitu 

Promotes Nutrient Uptake

waikaitu.com

Waikaitu LignoHumate™ is a concentrated supply of organic polymers and acids designed to promote nutrient uptake to the plant.

When mixed with fertilisers, LignoHumate™ will help carry those nutrients into the plant via the foliage and roots. With the high cation exchange capacity of lignin and humic substances, the application of LignoHumate™ will increase nutrient availability by holding them in the rhizosphere for longer and significantly reduce leaching. If your soil conditions restrict your application of phosphorus, applying LignoHumate™ will help unlock those soil bound nutrients and make them available for the plant.

Key benefits

- **Buffers the impact of synthetic and chemical inputs on soil biology**
- **Increases nutrient use efficiency (NUE)**
- **Reduced nutrient leaching**
- **Biological stimulation for both foliage and soil enzymes**
- **Increased availability of soil-bound nutrients**
- **Stimulates growth of roots and shoots**
- **Increased water-holding capacity of soil**

Composition: (%*)

Lignins and Humic and Fulvic acids	18
Nitrogen (N)	<0.01
Phosphorous (P)	<0.01
Potassium (K)	<0.02
Organic matter	10
Trace elements	mg/L
Calcium (Ca)	6000
Copper (Cu)	3.9
Iron (Fe)	50
Manganese (Mn)	44
Magnesium (Mg)	140
Sodium (Na)	10000
Sulphur (S)	2000
Zinc (Zn)	4.5

*Natural variations in nutrient composition can occur

How to use:

Foliar/Soil	Dilution	Application
Agriculture	1:100–1:200	3–5L/ha with every application of liquid fertiliser 3–5L/ha with every synthetic or chemical product for buffering
Vineyards, fruit trees, horticultural crops	1:100–1:200	3–5L/ha, apply to soil only after bud burst

Note: Can be used with a wide range of commonly used agricultural chemicals, however, do not mix with emulsifiable concentrates or spraying oils. Compatible with most fungicides and defoliant, however coagulation can occur if not mixed properly. Please see out mixing guide for more details.

Further reading:

Benefits of Fulvic Acids: <https://humates.co.nz/soil-conditioner/the-fulvic-phenomenon-other-benefits/>

Humates: Beneficial Humic and Fulvic Acids For Your Crops: <https://www.advancednutrients.com/articles/humic-fulvic-acid-for-plants>