

# Nutri-Mate Organic Humates™

Raw humates still contain all of the dense mineralisation and organic acids found in the prehistoric plants from which they are derived. The life force from those nutrient-dense plants lives on in lignite and leonardite.

These lignite-based humates from Victoria's Latrobe Valley contain humic acid in slow-release form. Raw humates are recognised as the most effective of all soil conditioners. They are unique in comparison to the processed humates in that they still retain the insoluble humin fraction. Humins are where most of the dense mineralisation occurs. Nutri-Mate Organic Humates™ contain seventy minerals, many of which are lacking in our agricultural soils.

## Benefits

- BFA certified version available (one tonne minimum buy).
- Nutri-Mate™ has a very high Cation Exchange Capacity (250), with an associated ability for nutrient and moisture retention.
- Nutri-Mate™ contains the highest organic carbon levels of any input. Organic carbon is the principle limiting factor in many soils.
- Organic carbon is the home base for beneficial micro-organisms.
- Nutri-Mate Organic Humates™ deliver slow-release humic acid, at a price that equates to a few cents per litre.
- Improves moisture retention and subsequently assists in drought protection.
- Nutri-Mate™ is a highly effective soil conditioner, largely due to its promotion of fungi which generate desirable crumb structure in the soil.
- Raw humates are a powerful fungi promotant. The amino acids, complex carbohydrates and low pH comprise perfect fungi food.
- Nutri-Mate™ offers all of the many benefits of humic acids, but these materials are trickle-fed over a two-year release pattern.

## PACKAGING

**25 kg, 1 tonne pallets of 25 kg bags,  
1 tonne bags, bulk (loose) in truckloads.**  
Product Code: NM





# Nutri-Mate Organic Humates™

### Application Rates

Soil Application: 200 kg – 1 tonne per ha  
200 kg – 500 kg per ha banded  
(Note: the banded area will differ with crop type).

### Typical Analysis w/w (dry basis)

Water Holding Capacity.....	55 - 60% min
Sulphur.....	0.24%
Humic acid.....	30%
Organic carbon.....	64%
Nitrogen.....	0.45%
Zinc.....	70 ppm
Manganese.....	45 ppm
Ash.....	4.7%
Solubility.....	Not soluble
Particle Size:.....	<1 mm
Appearance: Coarse, dark brown powder	

### Miscellaneous

- Nutri-Mate Organic Humates™ do not offer the equivalent stabilising and magnifying effect of NTS Soluble Humate Granules™ but do offer a more dense mineral spectrum, ie. Nutri-Mate Organic Humates™ still contain the high levels of broad-spectrum minerals that were part of the ancient plants from which they are derived.
- Nutri-Mate™ is a key ingredient in the Life-Force® blends (see Life-Force® under Microbial Products).

Disclaimer: Any recommendations provided by Nutri-Tech Solutions Pty Ltd (NTS) or its Distributors are advice only. As no control can be exercised over storage, handling, mixing application or use, or weather, plant or soil conditions before, during or after application (all of which may affect the performance of our program), no responsibility for, or liability for any failure in performance, losses, damages, or injuries (consequential or otherwise), arising from such storage, mixing, application, or use will be accepted under any circumstances whatsoever. NTS recommend you contact an Agronomist prior to product application. The buyer assumes all responsibility for the use of any NTS products.



**NUTRI-TECH SOLUTIONS P/L (NTS)**  
 PO Box 338, Eumundi, QLD 4562, Australia  
 7 Harvest Rd, Yandina, QLD 4561, Australia  
 Ph: +61 7 5472 9900 Fax: +61 7 5472 9999  
 Email: info@nutri-tech.com.au  
 Web: [www.nutri-tech.com.au](http://www.nutri-tech.com.au)

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