

Humic Acid

Get the most out of your fertiliser application.
Buffer, build carbon and prevent leaching.
(B4797)

BioStimulant



Why use Madumbi Humic Acid?

- Maximise fertiliser efficiency, humic acid **reduces leaching and lock up** of applied nutrients such as nitrogen and phosphorus, keeping them in the soil and plant available for longer.
- Reduce negative impacts of fertiliser on your soil. Humic acid buffers fertiliser applications **preventing extreme pH situations**.
- Buffer the effects of excessive elements. Humic acid buffers effects of high sodium levels and also toxic chemicals and heavy metals.
- **Natural microbial stimulant**, especially fungi.
- Improve soil structure, moisture and nutrient retention properties of the soil.



What is Madumbi Humic Acid?

- Concentrated, high quality extracts of Humic Acid sourced from ancient leonardite deposits.
- Available in a 70% granule, ideal for use with granular fertilisers.
- An essential additive for improving sustainability of fertiliser applications i.e. Urea, DAP and MAP.

Application?

Use regularly in conjunction with fertiliser applications to improve sustainability and long term soil health.



Soil Application

Granule - As a general rule apply at a rate equivalent to 5% of the fertiliser blend. i.e. 5 kg Humate Granules per 100 kg fertiliser. Do not exceed 10 kg per Ha when banded or 20 kg per Ha broadcast.

Liquid - 10 L per Ha. For stabilisation of Urea 1 - 1.5 L per 15-20 kg Urea

DIY Humate Liquid - Mix 1 kg Humate Crystals per 5 L water. Allow to dissolve, the crystals are highly soluble but heat and agitation will improve this process. Filter resulting liquid to remove insoluble particles (10-15% is insoluble).

Marketed and Distributed by:

Madumbi Sustainable Agriculture (Pty) Ltd
Postnet Suite 148, Private Bag X9118
Pietermaritzburg 3200
Tel. 086 104 5261 Int. Tel. +27 (0) 33 342 3984
support@madumbi.co.za
www.madumbi.co.za



The driving force behind Sustainable Agriculture