

Humates

Reg. No. M344 (Humate Liquid); M345 (Humate Crystals).



Andermatt
Madumbi

All natural carbon based soil food.



Why use Humates?

Features	Benefits
Concentrated, high quality extracts of humic acid sourced from ancient leonardite deposits.	Natural microbial stimulant, especially fungi.
Known for its benefits as a soil conditioner and nutrient stabiliser.	Repeated application results in improved soil structure as well as increased moisture and nutrient retention.
Available in a 70% granule, ideal for use with granular fertilisers, as well as a 12% liquid formulation for liquid application.	Reduced leaching and lock up of applied nutrients such as nitrogen and phosphorus.
Essential additive for improving sustainability of fertiliser applications i.e. Urea, DAP and MAP.	Buffering against the negative effects of fertiliser applications, toxic soil conditions and extreme pH situations.

Application instructions:

Use regularly in conjunction with fertiliser applications to improve sustainability and long term soil health. There are several different humate formulations. Humate Liquid is for liquid applications and blends. Humate Crystals are used for dry applications and can also be dissolved in water.

Soil Application	Crystal	As a general rule apply at a rate equivalent to 5% of the fertiliser blend, i.e. 5 kg per 100 kg fertiliser. Do not exceed 10 kg per ha when banded or 20 kg per ha broadcast.
Soil Application	Liquid	10 L per ha. For stabilisation of Urea, use 1 - 1.5 L per 15 - 20 kg Urea.
Soil Application	DIY Liquid Humate/Crystal	• 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 any insoluble product. • 10 - 15% is insoluble. • Apply resulting liquid concentrate at 10 L/ha (20 ml concentrate/20 L water) for soil or 1 - 5 L/ha (2 - 10 ml concentrate/20 L water) for foliar. Mix in sufficient water for easy application.

Humate Liquid Attested by:



Product suitable for use in Organic Farming in accordance with: Regulations (EU) No 2018/848 and 2021/1165 and the NOP Regulation.
Controlled by ECOCERT SAS



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Healthy Food and Healthy Environment, for all

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Humate Liquid contains humic acid. Reg. No. M344, Act No. 36 of 1947. **Humate Crystals** contains humic acid and potassium. Reg. No. M345, Act No. 36 of 1947. Warning. Causes serious eye irritation. **Humate Granules** contains humic acid and potassium. Reg. No. M343, Act No. 36 of 1947. Warning. Causes serious eye irritation. **Read the label before use.** Andermatt Madumbi (Pty) Ltd, Postnet Suite 20, Private Bag X6011, Hilton, 3245. Email address: support@anderstatt.co.za. Reg. No. 2009/020798/07.