NTS
Nutri-Tech Solutions®

Soluble Humate Granules™

HUMATES

Soluble humic acid in a versatile, user-friendly granule.

NTS source humates from leonardite/brown coal, which is the best source of humic known in the world. Other products on the market are generally sourced from lignite/peat, which is known to be of poorer quality and may not achieve the results required in agriculture. Humates are very complex and an analysis of humic acid content is not the governing factor when it comes to performance. NTS Soluble Humate Granules™ are proven performers in the marketplace all over the world.

This product has 75% potassium humates. The granules are ideally suited for addition with granular fertilisers, but they can also be readily dissolved without the dust factor associated with humate powders. The solubility of these granules facilitates a successful fusion with soluble fertilisers, which is particularly important for reducing the lock-up rate of dry-applied soluble phosphate sources, stabilising urea, chelating and complexing minerals and buffering high sodium and heavy metals.

BENEFITS

- Australian Certified Organic (ACO) Registered Farm Input 456AI.
- ~ 4 mm granules containing soluble potassium humates.
- Humic acid is a powerful fungi promotant. Beneficial fungi (including VAM) are the missing link in many soils.
- Stabilise nitrogen and improve nitrogen efficiency (ideal as an additive with urea).
- Complex phosphate to reduce lock-ups (ideal as an additive with dry-applied DAP/MAP, etc).
- Natural chelating and complexing agent to help magnify nutrient absorption.
- Increase the permeability of cells to increase nutrient uptake.
- Can buffer the effects of excessive elements (particularly sodium), toxic chemicals and heavy metals.
- pH buffering capacity to help neutralise the problems associated with pH extremes.
- Aids in moisture and nutrient retention.
- Promote better seed germination in a shorter time.
- Assists in soil wetting.
- Promote soil structure improvement by promoting fungi to create a crumb structure for better water and oxygen intake and improved root penetration.
- Microbe-friendly.

PACKAGING:

25 kg, 1 tonne pallets of 25 kg bags

Product Code: NTSSHG

Nutrition Farming®

Australian Organic Registered Farm Input
ALLOWED INPUT 456AI

NTS Soluble Humate Granules™

APPLICATION RATES

Broadacre Planting Blends:

2 – 5 kg per hectare

General Purpose:

5% of total blends

i.e. 5 kg of NTS Soluble Humate Granules™ with every 100 kg of urea, DAP/MAP etc, but do not exceed 10 kg/ha when banded or 20 kg/ha when broadcast.

NOTE

NTS Soluble Humate Granules™ have the potential to stain certain surfaces e.g. tiles, pavers. Avoid use around these areas.

TYPICAL ANALYSIS W/W (DRY BASIS)

Water Soluble Potassium Humate	75%
Solubility	85%
Particle Size	0.5 – 5 mm (> 90%)

DIY LIQUID HUMUS RECIPE

To produce a 6% potassium humate liquid, add 1 kg of NTS Soluble Humate Granules™ to a bucket containing a small quantity of water and make up to 10 L with water. Agitate vigorously. 10 – 15% of the humates are insoluble; let sit overnight and then siphon the soluble fraction from the top (avoiding insoluble sediment resting on the bottom). The insoluble sludge remaining is a valuable addition to composts.

Application Rates for DIY Liquid Humus liquid:

Foliar: 2 – 10 L per ha

Fertigation: 20 – 50 L per ha

Note: This 6% potassium humate recipe produces a concentrate with half the concentration of NTS Liquid Humus™ (12%).

YOUR LOCAL NTS DISTRIBUTOR:

Nutri-Tech Solutions P/L (NTS)
7 Harvest Road. Yandina. Queensland 4561. Australia
Phone +61. 7. 5472 9900 Fax +61. 7. 5472 9999
info@nutri-tech.com.au **www.nutri-tech.com.au**

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