

NTS Nitro-K-70™

An invaluable humic acid based fertiliser additive for Prescription Blends™ and non-granulated fertilisers.

A soluble potassium humate powder, containing 70% humic acid, 10% potassium and 1.5% nitrogen. This product is 85% soluble, with very fine residual silt, making it unsuitable for use in liquids, but ideal as an additive to other powdered fertilisers.

Benefits

- Improves soil structure by promoting fungi that create a crumb structure for better water and oxygen intake and improved root penetration.
- Natural chelating and complexing agent to help magnify nutrient absorption.
- Increases the permeability of cells to increase nutrient uptake by up to 40%.
- Contains an auxin-like growth promotant that can enhance cell division and elongation.
- 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.
- Has a CEC of 450 and is a good water retainer.
- Promotes seed germination in a shorter time.
- Has a nature which assists in soil wetting.
- Also includes a stabilised nitrogen source.

PACKAGING

**25 kg, 1 tonne pallet of
25 kg bags, 800 kg
Product Code: NTSNK70**





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Application Rates

Soil Broadcast: 7 - 12 kg per ha

Soil Side-Dress: 5 - 7 kg per ha

Miscellaneous

- Can be used at any time for a synergistic effect when combined with fertilisers, especially soluble fertilisers.
- Ideal as a stabilising and magnifying additive in non-granular fertiliser blends.
- Can be applied directly to the soil at any time to help buffer excesses or toxins or to stimulate soil life, especially fungi.
- Ideal for stabilising nitrogen fertilisers, particularly urea, but also potassium nitrate and ammonium nitrate (NOT calcium nitrate).
- Microbes need a carbon source to digest nitrogen. Humates supply carbon and thus help limit carbon stripping from the soil.
- Can help limit phosphorus lock-ups when added to phosphate-based fertilisers.

Typical Analysis w/w

Humic acid	70% min
Potassium	10% min
Nitrogen	1.5% min
Moisture	15% max
Calorescence residual matter (dry) ..	20% max
Water insoluble matter (dry)	10% max
Solubility	85%
Particle Size	Fine Powder
Appearance:	Brown/black powder

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.



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