



Glaze Extend - ESSENTIAL™ - UAN Fertiliser Inhibitor



Analysis

- N-(n-Butyl)thiophosphoric triamide (NBPT) 250g/kg (25.00% w/w).

Benefits

- Reduces N loss present in UAN by 75% within the first 48Hrs of application.*
- Easily applied into UAN mixes to reduce N loss
- Water based, Solvent free formulation.
- Ready to use liquid that is easy to measure and apply.
- Odourless

Uniform Dilution and Distribution of NBPT

- Glaze Extend's water-based emulsion enables uniform dilution into UAN and distribution of NBPT urease inhibitor in the fertiliser zone.

Application Rate Examples

UAN NBPT analysis	200ppm	300ppm	400ppm
NBPT/mt UAN30/UAN32	200g	300g	400g
Glaze Extend rate/mt UAN30/UAN32	0.80kg	1.20kg	1.60kg

Directions for use

- Mix thoroughly before use.
- Glaze Extend is to be applied undiluted and uniformly to UAN in batch or continuous blending systems. Dose in kg, not litres.
- Use at room temperature - do not heat unless product is below 5 degree Celcius.
- Blend Glaze Extend ESSENTIAL™ into UAN no earlier than 72hrs before field application.

*Results from March 2021 Lincoln University Ammonia Volatilisation trial

Glaze Extend ESSENTIAL™ is a urease inhibitor designed to be directly applied to UAN using batch or continuous flow blending and handling systems.

Glaze Extend ESSENTIAL™ contains the active ingredient N-(n-Butyl) thiophosphoric triamide (NBPT).

Glaze Extend ESSENTIAL™ functions as an inhibitor of the enzyme urease. Urease pervasive in soil microorganisms, converts urea into ammonia, which is susceptible to volatilisation if produced faster than it can be utilised by plants.

Glaze Extend ESSENTIAL™ is supplied in 1000kg IBC.

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While Glaze Coatings Ltd has taken all reasonable care in the preparation of this technical sheet, the information is a guide only and should not be relied upon as a substitute for you seeking professional advice in relation to the use of Glaze Coatings products.