

TECHNICAL DATA SHEET (TDS)

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Urea 46% N

1. Identification

Product	Urea 46% N
Category	Straight Nutrients
Active Ingredient	Total N (as Urea) Min. 46%
Formulation	Granular Urea
CAS Number	57-13-6
Formula	CH ₄ N ₂ O
Grade	Agricultural Grade
Standard	FCO / ISO 17025:2017

2. Description

Urea 46% N — professional-grade agricultural input.

3. Dosage & Application

Soil	As per crop recommendation
Foliar	As per label
Application	Foliar spray, soil drench, fertigation, seed treatment as per label

4. Storage & Packaging

Shelf Life	2-3 years
Storage	Store 5-40°C
Packaging	100ml-5L (liquids) / 100g-25kg (solids) — custom available
Compatibility	Compatible with most AIs. Jar test before tank mix. Avoid strongly alkaline.

Follow all label directions. User responsible for compliance.