

Standard Agricultural Specifications (Urea N46)

Typical high-quality agricultural urea should meet the following technical parameters:

Feature	Requirement	Importance for Agriculture
Nitrogen (N)	46.0% min	Essential for rapid leaf and stem growth.
Biuret	1.0% max	Levels above 1.5% can damage sensitive crops or when applied as foliar spray.
Moisture	0.5% max	Prevents caking and ensures easy flow through spreaders.
Granule Size	2.0–4.0 mm	Standard for uniform mechanical distribution in fields.
Prill Size	0.85–2.8 mm	Better for quick dissolution or mixing in liquid solutions.
Conditioning	Anti-caking	Ensures the product remains free-flowing after storage.