

**DESCRIPTION:**

Granular urea is a type of urea fertilizer with larger, uniform granules designed for agricultural use. It has the same chemical composition as standard urea ($\text{CO}(\text{NH}_2)_2$) but is processed into a granular form to improve handling, storage, and application. The granules allow for easier spreading using mechanical equipment and reduce dust compared to prilled urea.

KEY FEATURES OF GRANULAR UREA:

- High nitrogen content: Contains around 46% nitrogen, making it an efficient fertilizer for crops.
- Slow-release capability: Granules dissolve more gradually, which can enhance nutrient uptake by plants.
- Versatile application: Suitable for various soil types and crops.

SPECIFICATIONS:

PROPERTIES	UNITS	SPECIFICATION
Total Nitrogen	%	46.0 min
N-NH ₂	%	46.0 min
Biuret	%	1.0 max
Moisture	%	0.50 max
PH 10% in water		8.0-8.50
Heavy Metals (Pb, Cd, Hg, As)	ppm	0.5 max
Insoluble	%	0.01 max
Appearance		White Granular, without visible mechanical impurities
Solubility	gr/L	1060.0
Particle Size	mm	Minimum 90%, between (2.0-4.0mm) Granular
Material Color		white, free flowing
10% solution color (in water)		Colorless - light