



AGRICULTURE GRADE NITROGEN FERTILIZER

Urea Granular N46

A high-analysis nitrogen fertilizer (46% N) in prilled/granular form, produced for direct field application and industrial use. It is free-flowing, anti-caking treated and certified non-radioactive. The specifications below apply to each consignment supplied under this offer.

TOTAL NITROGEN 46.0% min	BIURET 1.0% max	FORM Granular	PACKING Bulk / FIBC
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SECTION 1 – CHEMICAL ANALYSIS

Total Nitrogen, as N WT%	46.0% min
Biuret Content WT%	1.0% max
Moisture, as H₂O KARL FISCHER METHOD	0.3% max
Formaldehyde WT%	0.55% max
Free Ammonia	100 ppm max
pH 100 G/L AT 20°C	~ 9
Iron	1.0 ppm max
Ash	20 ppm max
Other Heavy Metals	Nil

SECTION 2 – PHYSICAL PARAMETERS

Colour	Pure white
Odour	Odourless
Particle Size Distribution 2 – 4.5 MM	95% min
Crushing Strength 3.15 MM GRANULE	3.0 kg min
Bulk Density	760 – 800 kg/m³
Boiling Point	Decomposes < 132°C
Melting Point	≈ 132°C

SAFETY & QUALITY

Radiation

Certified fully non-radioactive; free from radioactive contamination.

Quality

Free flowing; anti-caking treated; free from harmful substances.

PACKING

BULK · FIBC

1 MT / 1.2 MT BIG BAGS

Either Bulk or one (1) metric ton and/or 1.2 metric ton Flexible Intermediate Bulk Containers (“FIBC” or “big bags”), suitable for ocean transportation, bulk vessel handling, container and long-distance shipment.

