



# **COMMERCE with NO BORDER**

## **Urea Product catalogue**



Q3. 2022



# UREA 46%

## INTRODUCTION

Urea is used in many ways to provide N nutrition for plant growth. The agricultural industry widely uses Urea, a white crystalline solid, containing 46 percent nitrogen as an animal feed additive and fertilizer.

In the past decade, Urea has surpassed and nearly replaced Ammonium nitrate as a fertilizer. It is most commonly mixed with soil or applied to the soil surface. Due to the high solubility, it may be dissolved in water and applied to soil as a fluid, added with irrigation water, or sprayed onto plant foliage.

## Specification

#	Property	Units	Test Method	Value
1	Nitrogen Content	Wt. %	ISO 5315	46% Min
2	Moisture	Wt. %	ISO2753	0.5 Max
3	Biuret	Wt. %	ISO 2754	1.0 Max
4	Particle Size (2-4 mm)	Wt. %	ISO 8397	90 Min
5	Formaldehyde	Wt. %	BS-6806-1	0.55 Max





# AMMONIA

## INTRODUCTION

Ammonia binds air borne nitrogen and makes the most important crop nutrient, nitrogen, available for nitrogen fertilizer production. As an important base material for fertilizers, Ammonia literally helps to put our food on the table. Today, roughly 80% of the annually produced Ammonia is used for fertilizer production.

## Specification

99.90%	NH <sub>3</sub>
0.10%	H <sub>2</sub> O
Nil	Oil Content