

UREA



The highest N content
for universal application

Properties

Urea ($\text{CO}(\text{NH}_2)_2$) is produced from ammonia and carbon dioxide. With a nitrogen content of 46%, urea offers the highest concentration of N nutrient of all nitrogen fertilizer. The nitrogen exists in the carbamide form. Within a few days, through transformation processes in the soil, the nitrogen is first converted into ammonium, and later on into nitrate. Urea is a highly-efficient general purpose fertilizer used in agriculture for ground treatment, top-dressing in early spring and in vegetation period, used for all soil types for any crop plants. We treat urea with conditioning additives to prevent caking, and produce it in granular or prilled form.

Key benefits

- Homogeneous, pure white granules
- Consistent high quality and nutrient concentration
- Universally applicable, suitable for all agricultural and horticultural crops
- Good transport and storage qualities: free flowing thanks to surface refinement, non-dust-forming, no caking
- Good spreading behavior thanks to a balanced range of granule sizes



UREA



Cereals



Root Vegetables



Vegetables



Corn



Rice



Grassland



Potato

Technical data

Total nitrogen (N) content	46.2%
Carbamide nitrogen	46.2%
Biuret content	1.0%
Moisture, max	0.5%
Granulometry	
2 to 5 mm	95.0%
< than 1 mm	2.0%
Static strength, kgs/granule	2.5

Application

1–3 times within the growing season. Application rates must meet the crop requirements. The nutrient content of the soil must also be considered to avoid over-application. The recommendations of the official advisory service should be followed.

Packaging, handling and transportation

We offer several packaging and transportation options to ensure a safe and efficient delivery process. Please contact our local team to learn about the options available to you.

Production facilities

- Novomoskovskiy Azot, Russia
- Nevinnomysskiy Azot, Russia

