POLESTAR

نجم القطب

Polestar Worldwide General Trading LLC

Prilled Urea For Agriculture

Urea is the most widely used nitrogen fertilizer in the world. It is effective on all crops in regions with a warm climate. Urea is a synthesized organic molecule that is easily accessible to plants and can be absorbed by all parts of plants, both roots and vegetative mass. Therefore, urea is effective for the main application and as a top dressing, both independently and in tank mixtures with microelements and plant protection products. Soil pH increases during the urea hydrolysis reaction, allowing urea to be used effectively on acidic soils for fertilizing rice fields, as well as for nitrogen fertilizing cereals, technical crops, and horticulture. This type of nitrogen fertilizer is the most eco-friendly and harmless for plants.

Properties	Typical
Nitrogen	Min 46.0%
Biuret	Max 1.0%
Moisture Content	Max 0.3%
Granulometric Composition	
Under 1 mm, Max	10% Max
1-2.84 mm	90% Min
Granule Static Strength	0.7 kgF/granule
Friability, min	100%
Safety	Non-Hazardous
Appearance	Free flowing, treated with an anti-caking agent.
Urea Formaldehyde	0.4% Max

Advantages

1) High-analysis nitrogen mineral fertilizer that increases the protein and oil content of field crops
2) Fully water-soluble and has a positive effect on extended root formation
3) Suitable for irrigation systems and can be used in high dosage in a single application
4) Can be used as foliar fertilizer
5) Provides highly adequate nitrogen nutrition with a prolonged effect.
6) Has a positive impact on extended root formation.
7) Can be applied in a high dosage in a single application.
8) Increases the protein and oil content of field crops.

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Packing

50 kg bags, 1,000 kg jumbo bags, break bulk, or as requested.

Storage

1) Prevent moisture absorption, keep away from heat,
2) Store in a well-ventilated area, away from contact with acids and alkaline substances.
3) Protect from dust and ensure bags are sealed and in good condition.

Comments

Typical chemical and physical properties do not constitute product specifications and are not guaranteed or warranted. These properties are provided for informational purposes only.

PLEASE OBTAIN A PRODUCT SAFETY DATA SHEET FOR MORE INFORMATION.

This product's Safety Data Sheet (SDS) provides essential information about the environmental, health, and safety precautions needed for its handling and storage. You can obtain the most up-to-date version of the SDS by contacting a representative from Polestar Worldwide General Trading LLC.

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