

# Urea Granular

Granular fertiliser



**Active ingredients** 46% N

**Pack size** 25kg

An economical fertiliser for use in broadcast application in turf, lawns, landscape, parks, sports fields, racetracks and other horticultural situations.

A high nitrogen fertiliser in a granular form, it can be used in a wide range of applications but as a fertiliser it is useful in providing ongoing nutrition in a situation where accelerated growth is required as the high nitrogen will encourage shoot and leaf growth. Helps overcome deficiencies in plant tissue and soil. May burn if applied in larger amounts or if used in the heat of the day. Water in well after application. Follow label instructions for best results.

Urea is an inexpensive form of nitrogen fertilizer manufactured with anhydrous ammonia. Although urea offers the most nitrogen for the lowest price on the market, special steps must be taken when applying urea to soil to prevent the loss of nitrogen through a chemical reaction.

Urea is made when carbon dioxide is reacted with anhydrous ammonia. This process happens under intense pressure, at 350 degrees Fahrenheit. Urea is processed to form granules or prills. Dry urea is very soluble and must be kept away from moisture until its use.

## How to Use Urea

When urea is placed on the surface of the soil, a chemical reaction takes place that changes the urea to ammonium bicarbonate. The ammonium will convert into a gas, which is then lost if not protected. This means that urea should be mixed in with the soil for maximum effectiveness. This may be done either by broadcasting the urea then plowing it into the soil immediately or by injecting the urea into the soil. This may also be done by broadcasting urea then irrigating heavily to push dissolved urea into the soil.

## Advantages of Urea

Generally, urea will provide the most nitrogen at the lowest cost. Urea may be mixed with other fertilizers or may be applied on its own. For plants that love acidic soils, urea is one of the top fertilizers for acidifying soils. For gardeners who grow crops like corn, strawberries, blueberries and other heavy nitrogen feeders, urea will supply immediate and powerful applications of nitrogen.

## Directions for use

Apply product to actively growing turf at 0.5-2.0 kg/100 m<sup>2</sup> or as indicated by soil testing. Apply to dry foliage. Water in after application with 2-4 mm of irrigation. Do not apply if temperatures are to exceed 30° C or if application to damp or wet turf is unavoidable, irrigate immediately after application.

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For more information on **Urea Granular**, contact your local Globe Growing Solutions Territory Manager  
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