



## Polymer Coated Urea - N180

6 Months Controlled Release Urea

**Active Constituent: 43% Urea**

### Product Description

Kingenta N180 is the most efficient controlled release source of nitrogen used in all cropping systems. N180 can effectively control the release of nitrogen at 25°C for up to three months and this will increase the nitrogen use efficiency for cropping systems.

When conventional soluble fertilisers are applied to the soil, the plant only consumes a fraction of the nutrients. Leaching, evaporation and other processes cause substantial losses. Also, most of the nutrients are released from conventional fertilisers immediately after application, leading to the risk of salt damage followed by starvation in mid-season.

Kingenta N180 PCU fertilisers not only minimize nutrient losses, they also release nutrients at a rate that matches the plant requirements right throughout a season.

A single application of N180 products will ensure proper nutrient levels in the soil throughout the growing cycle, without risk of salt injuries.

Kingenta N180 it can be blended with traditional granular fertilisers to incorporate slow release.

### Guaranteed Analysis

Total Nitrogen (N).....43.00%

Urea Nitrogen.....43.00%

### Benefits of Kingenta's N180

- Matches crops nitrogen demand
- Applied in dry sowing situation where growers have to sow in dry weather
- Used as a nitrogen risk management tool if wet weather
- Increases quality, yield and nutrient use efficiency
- Reduces application times and rates required
- Reduces nitrogen loss through leaching or volatilization
- Saves times, labor, crop damage, compaction

### Directions for Use

N180 can be used in all cropping systems requiring nitrogen. Applied at sowing or topdressing either through direct drilling or broadcasting equipment. As a base fertilizer, N180 can be used alone, but a more positive results can be achieved with blending N180 with other NPK fertiliser to match the crops full nutrient demand.

### Nitrogen release curve of N180 at 25°C

