



# POLYON 42-0-0

Polymer coated Urea for controlled release of Nitrogen

Polyon®, Polymer Coated Urea (PCU) is fertiliser coating technology which controls the release of nitrogen to meet the prolonged feeding requirements of turfgrass and ornamentals

## BENEFITS

- All the nitrogen is (100%) controlled release, no immediate release.
- Turf response of 12-16 weeks can be expected. All the nitrogen is released during that time period, (no unreleased portions remaining)
- Polyon is very tough and durable. It resists breakage during blending, bagging and spreading. No quick premature release of nitrogen to burn foliage from cracked or damaged particles.
- Release mechanism by osmosis for a constant gradual diffusion of nitrogen through the ultra thin polymer coating. Release is unaffected by varying amounts of soil moisture, microbes or pH levels.
- Is environmentally sound technology. Metered release of nitrogen closely matches plant nitrogen uptake capacities.

## GUARANTEED ANALYSIS

TOTAL NITROGEN..... 42.0%

42.0% Urea Nitrogen

Derived from Polymer-Coated Urea

42.0% Slowly Available urea nitrogen from polymer-coated urea

## APPLICATION RATES

### TURFGRASS:

	Kgs per 100sq/m	Kgs per/ha
RATE	2.5kg per 100m <sup>2</sup>	200kg p/ha
	3.75Kg per 100m <sup>2</sup>	325kg p/ha
	4.50kg per 100m <sup>2</sup>	400kg p/ha

### NURSERY GROWN PLANTS:

Incorporating into potting media per cubic metre:

1kg low, 2kg medium, 3kg high

### BROADCAST:

⇒ **Tree and shrub nurseries:** Broadcast apply 275kg per hectare between rows

⇒ **Nursery and forestry seed:** Apply 250kg per hectare

⇒ **Groundcover:** Apply 200 - 225kg per hectare or 2 - 2.5 kg per 100 square metre.

⇒ **Trees:** Apply 250 grams per inch diameter of trunk

**PACKAGE SIZE:** 25 Kg Bags

## CAUTION

Nutrient can stain walkways and will need to be washed off prior to irrigation. Do not apply with a drop type spreader. The grinding action of these spreaders can damage the coating of polymer-coated urea and can cause burn potential.

Keep away from water sources such as ponds, pools etc. Keep out of reach of children. Harmful if swallowed - Do not inhale.

## REFER TO MSDS FOR FURTHER INFORMATION

Distributed by Baileys.

For further information contact your local representative at

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