

Driven by innovation
Inspired by nature

ProTurf®



RECOMMENDED USAGE:
✓✓ TEES
✓✓ FAIRWAYS
✓✓ SPORTS FIELDS
✓✓ AMENITY

New high impact fertilizers designed for use on tees, surrounds, fairways, sports fields and lawns.

ProTurf contains a combination of Poly-S controlled release fertilizer technology, readily available urea Nitrogen and a unique multi-nutrient compound fertilizer. The controlled release Poly-S technology leads to consistent, regular growth over a 2-3 month period without growth peaks. The uncoated Nitrogen portion of this fertilizer allows an immediate response of the turf, even in cooler conditions. The multi-nutrient compound fertilizer component contains four macro-nutrients (K, Mg, Ca & S) all in one granule.



ICL group Boulby mine (Cleveland, UK)

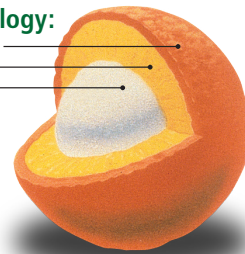
Poly-S

Poly-S is a controlled release Nitrogen source that delivers nutrients gradually over the required longevity. Nutrient release is primed by moisture permeating through the outer polymer channels, through micro-channels in the sulphur layer and into the nutrient core where the urea is solubilised.

Once the urea is solubilised, it then travels back through the same pathways where it is released and made available for plant uptake.

Poly-S technology:

Outer polymer coating
Inner sulphur coating
Urea nutrient core



Introducing Polyhalite

Polyhalite is a component part of the ProTurf range. Polyhalite is a new naturally occurring mineral fertilizer containing Potassium, Magnesium and Calcium. Deposited over 200 million years ago it is a complex crystal product which has been discovered at a depth of 1300 metres in the Cleveland Potash mine in the UK. Polyhalite is certainly an exciting new addition to our fertilizer portfolio.

Extensive trial work has confirmed that the principal nutrients of Potash, Magnesium and Calcium in Polyhalite are fully available to the plant, performing in trials with the same plant-efficiency as standard individual sources of Potassium and Magnesium sulphate.




Polyhalite has these minimum contents of:

- Potassium 11.6% K as from Potassium sulphate
- Magnesium 3.6% Mg as from Magnesium sulphate
- Calcium 12.1% Ca as from Calcium sulphate

Polyhalite is a low chloride fertilizer, and being a natural product with no chemical processing makes it suitable as an organic source of nutrients.

everris.

The complete ProTurf range

| PRODUCT NAME ELEMENTAL ANALYSIS | TECHNOLOGY/ LONGEVITY | PRODUCT NOTES | NUTRIENT BREAKDOWN | | | | | | | |
|------------------------------------|---|---|--------------------------|-------------------|-------------------|--------|------------|------------|-----|-----|
| | | | NITROGEN | | | | TOTAL P | TOTAL K | Ca | Mg |
| | | | TOTAL N (% coated) | N-NO ₃ | N-NH ₄ | N-Urea | | | | |
| 20-0-5.8 +2.1Ca +1.8Mg |  | Strong initial boost coupled with longevity is ideal for in-season applications. | 20 (25%) | | | 20 | 0 | 5.8 | 2.1 | 1.8 |
| 12-2.2-16.6 +1.4Ca +1.2Mg |  | Designed to sustain, strengthen and harden turf through the autumn and winter. | 12 (25%) | | 1.3 | 10.7 | 2.2 | 16.6 | 1.4 | 1.2 |
| 15-2.2-12.4+1.4Ca+1.2Mg |  | Delivers a quick reaction, promotes healthy, balanced growth at start of the season and it improves turf color. | 15 (25%) | | 1.3 | 13.7 | 2.2 | 12.4 | 1.4 | 1.2 |

| PRODUCT NAME ELEMENTAL ANALYSIS | BAG SIZES (kg) | APPLICATION RATE (g/m ²) | NUTRIENT LEVELS APPLIED (kg/ha) | | | BAG COVERAGE (m ²) per 25kg bag | RECOMMENDED PERIOD OF USE | | | | | | | | | | | | | | | |
|------------------------------------|-------------------|---|------------------------------------|-----|------|--|---------------------------|---|---|---|---|---|---|---|---|---|---|---|--|--|--|--|
| | | | N | P | K | | J | F | M | A | M | J | J | A | S | O | N | D | | | | |
| 20-0-5.8 +2.1Ca +1.8Mg | 25 500 | 20 | 40.0 | 0.0 | 11.6 | 1,250 | | | | | | | | | | | | | | | | |
| | | 25 | 50.0 | 0.0 | 14.5 | 1,000 | J | F | M | A | M | J | J | A | S | O | N | D | | | | |
| | | 30 | 60.0 | 0.0 | 17.4 | 833 | | | | | | | | | | | | | | | | |
| | | 35 | 70.0 | 0.0 | 20.3 | 714 | | | | | | | | | | | | | | | | |
| 12-2.2-16.6 +1.4Ca +1.2Mg | 25 500 | 20 | 24.0 | 4.4 | 33.2 | 1,250 | | | | | | | | | | | | | | | | |
| | | 25 | 30.0 | 5.5 | 41.5 | 1,000 | J | F | M | A | M | J | J | A | S | O | N | D | | | | |
| | | 30 | 36.0 | 6.6 | 49.8 | 833 | | | | | | | | | | | | | | | | |
| | | 35 | 42.0 | 7.7 | 58.1 | 714 | | | | | | | | | | | | | | | | |
| 15-2.2-12.4+1.4Ca+1.2Mg | 25 500 | 20 | 30.0 | 4.4 | 24.8 | 1,250 | | | | | | | | | | | | | | | | |
| | | 25 | 37.5 | 5.5 | 31.0 | 1,000 | J | F | M | A | M | J | J | A | S | O | N | D | | | | |
| | | 30 | 45.0 | 6.6 | 37.2 | 833 | | | | | | | | | | | | | | | | |
| | | 35 | 52.5 | 7.7 | 43.4 | 714 | | | | | | | | | | | | | | | | |

Performance*

Granule dispersal: 8 days
(visually dispersed
from surface)

Turf response: 7 days
Longevity: 2-3 month

* depending on environmental factors

Production characteristics

Bag size: 25kg
Application Rate: 20-35g/m²
Bag coverage: 714-1,250g/m²
Particle size: 1.3-2.5mm

"The visual effect of using ProTurf on our tees was immense. Within a week of application the turf was transformed in terms of colour and growth. After 4 weeks it was noticeable that growth had slowed down but the turf colour and vigour were still superb."

Eddie Mills, Course Manager,
Edgbaston Golf Club



Edgbaston Golf Course, Birmingham

ProTurf BENEFITS

- Quick release gives immediate response
- Controlled nutrient delivery sustains growth for 2-3 months
- High quality blend in a cost effective formulation
- Contains Polyhalite, a unique organic source of K, Ca and Mg



Distributed by:

TURFCARE AUSTRALIA

Email: sales@turfcareaus.com.au

Web: www.turfcareaustralia.com.au

