TECHNOLOGIES IN XCEL FERTILISERS

NITROGEN + ORGANIC FUSION GRANULATION TECHNOLOGY

The organic fusion process blends and successfully binds three nitrogen forms (nitrate, ammoniac and ureic) with organic NPK and trace elements plus added minerals for a controlled release of up to 10 weeks while the nutrient soil preservation properties of the organic complex limit leach or evaporation loss regardless of rainfall or dry conditions. Xcel granules come as stable, homogenous, fine particles that spread evenly and disintegrate with moisture, such that the nitrate portion together with K and Mg ensure early colour without soft growth.

COMPOSTING TECHNOLOGY

The foundation of Xcel products si the organic complex, produced in a proprietary three stage process of ten different organic materials including selected manures, marine life, seaweeds, animal and vegetable proteins, humates, acids and carbohydrates.

This process restricts nitrogen fixing bacteria levels to allow actinomycetes and mycelium fungi to flourish for more plant growth regulators (PGRs) and better stable humus. This technology provides the core components in all Xcel formulae to 'organo-wrap' added chemical NPK materials, allowing for a lower analysis, which produces quality turf with the key attributes of resilience, sward density and sustained performance.

INDIGO
Unit 3
No/2 Ant Rd
Yatala
QLD 4207

Distributed by:

XCEL

RANGE of fine turf granules

INDIGO

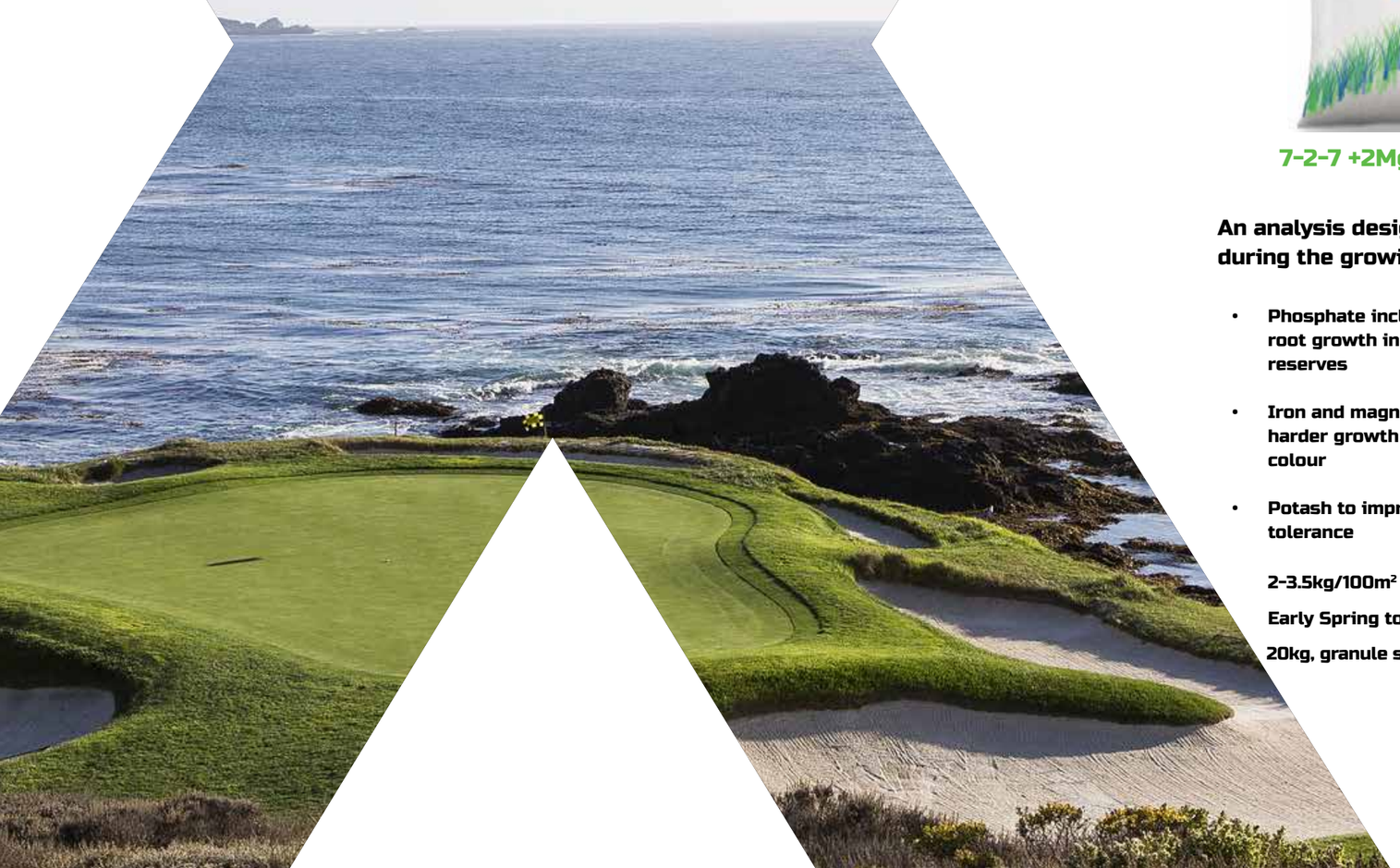
XCEL RANGE

XCEL is a range of composted organic complex fertilisers wrapped and infused with seaweed.

Our highly efficient controlled compost process fully bio-converts organic matter with the minimum of inert fibre inclusion The carefully selected compost and seaweed carry all the constituents needed to maximize the production of amino acids, humate acids and plant growth regulators.

The Xcel liquid seaweed wrap will rehydrate on contact with soil moisture giving an initial liquid seaweed boost, followed by extended seaweed response from the composted seaweed inclusion in the granule.

We have skilfully combined Ascophyllum Nodosum seaweed with compost in a managed composting system which produces a multiplying of their individual capabilities. The grass plant benefits with surprising gains in vigour, colour and growth, bringing us to a new level of appreciation for these two ingredients.



Benefits:

- Gives an exceptional colour response
- Extends nutrient release to avoid soft top growth
- Produces a denser, more resilient sward
- Enhances indigenous microbial activity
- Quickens uptake of natural seaweed bio-stimulants
- Supplies a balanced natural trace element package
- Enhances the plant's metabolic use of N, P, K, Ca and Mg

Contains:

- 4 nitrogen sources for an immediate response year round
- High quality Ascophyllum Nodosum seaweed, high in bioactive compounds
- Soya isolates to boost protein and enzymes available for root extension
- Amino chains that boost nutrient absorption
- Resulting in an opportunity to apply less fertiliser at each application

7-2-7 +2MgO +2Fe

An analysis designed for use during the growing season.

- Phosphate included to aid root growth in soils with low reserves
- Iron and magnesium promotes harder growth and boosts colour
- Potash to improve wear tolerance

2-3.5kg/100m²

Early Spring to late autumn

20kg, granule size 1.2mm (avg)

9-0-9 +2MgO

Nitrogen levels designed to perform well throughout the season.

- 3% magnesium for improved photosynthesis
- Balanced growth over an extended period

2-3.5kg/100m²

Spring to autumn

20kg, granule size 1.2mm (avg)

6-5-11 +2MgO

NPK ratio suited to early and late use.

- Ideal as a pre-seeder on greens when over sowing sensitive fescues and bents
- High potash to promote hardening of soft growth
- Phosphate encourages root development

2-3.5kg/100m²

Spring and autumn

20kg, granule size 1.2mm (avg)

INDIGO