



ACTIVATE CRN

CONTROLLED RELEASE NITROGEN FERTILISERS

TERRA LIFT

8 weeks release



Activate fineturf granulars offer a best of both world's approach to grass nutrition that is more inline with the way nature intended soils and plants to interact, while being mindful of the realities of turf maintenance.

By combining the Terralift organic complex with methyleneurea technology Activate provides extended release over 8 weeks, plus all the essential nutrients for healthy turf and microbial supports to ensure the building blocks are in place for soil friability, water percolation and CEC within the root zone.

Key Benefits:

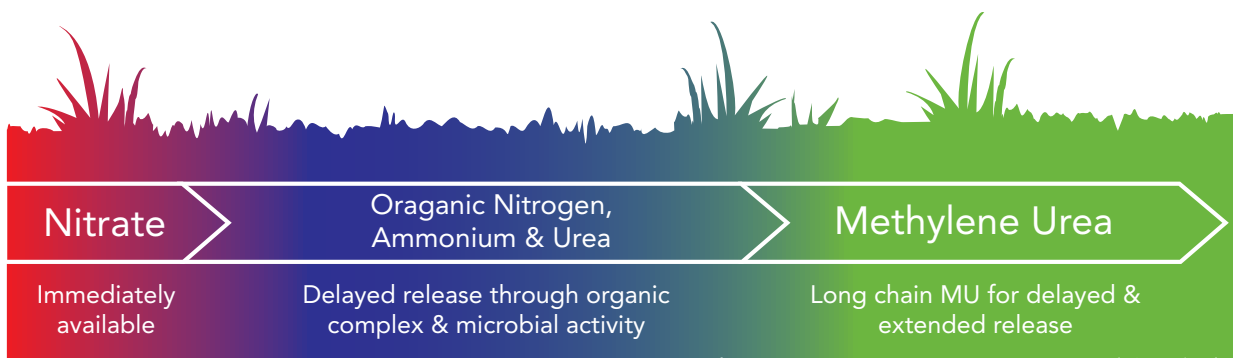
- Homogenous granule to ensure even nutrient application
- Chelated and regulated release of all essential nutrients, not just nitrogen
- Increased soil fertility without clogging sand profiles
- Maximised nutrient utilisation for reduced fertiliser requirements
- Stable humus for better soil nutrient holding ability (increased CEC)
- Improved moisture holding ability



How Activate delivers:

- Nutrients in organic forms are released slowly through soil biological actions
- The inorganic nutrients are encapsulated and retained within the homogenous complex.
- Organic chelates hold nutrients within the soil for transport to the roots
- Plant Growth Regulators control the use of nutrients within the plant
- The microbes that flourish in the environment created activate the contained methylene urea chains.

The 5 fractions of nitrogen each release at different stages:



Week 1

Week 12



I use Activate N every year at renovation as it gives me consistent results even in difficult conditions such a unexpected rain. The longevity, colour response and organic content all make Activate N a great product for our course."

Andrew Smith, Golf Course Superintendent, Yamba Golf & Country Club

ACTIVATE N

20-1-4 + 2Mg

CRN WITH METHYLENE UREA (MU)

- Fineturf granule (1.2 mm avg)
- Use as a maintenance fertiliser following renovation
- Denser sward through better tillering and less top growth



Pack size: 20kg

Potential CEC gain 201%

Humic Acids 4.6%

Fulvic Acids 1.9%

Amino/PGRs 0.5%

Apply Spring to Summer

Standard rate: 2.5kg/100m²

Heavy soils: 1.5kg/100m²

Sand soils: 4kg/100m²

ACTIVATE K

8-0-16 + 2Fe + 1Mg

CRN WITH METHYLENE UREA (MU)

- Fineturf granule (1.2 mm avg)
- High k formulation for turf strength
- Ideal for potassium deficient soils
- Creates tighter surfaces and deeper roots



Pack size: 20kg

Potential CEC gain 229%

Humic Acids 4.6%

Fulvic Acids 2%

Amino/PGRs 0.5%

Apply anytime of the year

Standard rate: 2.5kg/100m²

Heavy soils: 1.5kg/100m²

Sand soils: 4kg/100m²



Technologies in Activate CRN



TERRALIFT PROPRIETARY COMPOSTING TECHNOLOGY

The foundation of Terralift fertilisers is the organic complex, produced in a proprietary 3 stage composting process of ten different organic materials including selected manures, marine life, seaweeds, animal and vegetable proteins, humates, acids and carbohydrates. The Terralift composting system restricts nitrogen fixing bacteria levels to allow actinomycetes and mycorrhizal fungi to flourish for more plant growth regulators [PGR's] and better stable humus.



NITROGEN AND ORGANIC FUSION GRANULATION TECHNOLOGY

The Terralift 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. Terralift 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.



METHYLENE UREA (MU) + ORGANIC COMPLEX TECHNOLOGY

MU is a slow release chain of urea components (NH_4 and NO_3) linked to carbon and hydrogen. Research field trials have shown the MU chain to work extremely well with our TPC organic complex. The MU nitrate and ammoniac N are released by microbial breakdown of their carbon link. Therefore the combining of our organic complex with MU provides the best possible potential for the indigenous microbe population being ready to facilitate this process as needed by the grass. MU has the advantage that it is not affected by moisture, pH variance, and high or low temperatures, adding to the certainty of the optimum release pattern. Our MU is a specific fine particle production known for its stability and desirable early and long release characteristics.



PERFORMANCE FERTILISERS

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Your local distributor of Terralift products is: