JUNE 2023

Dear Readers,

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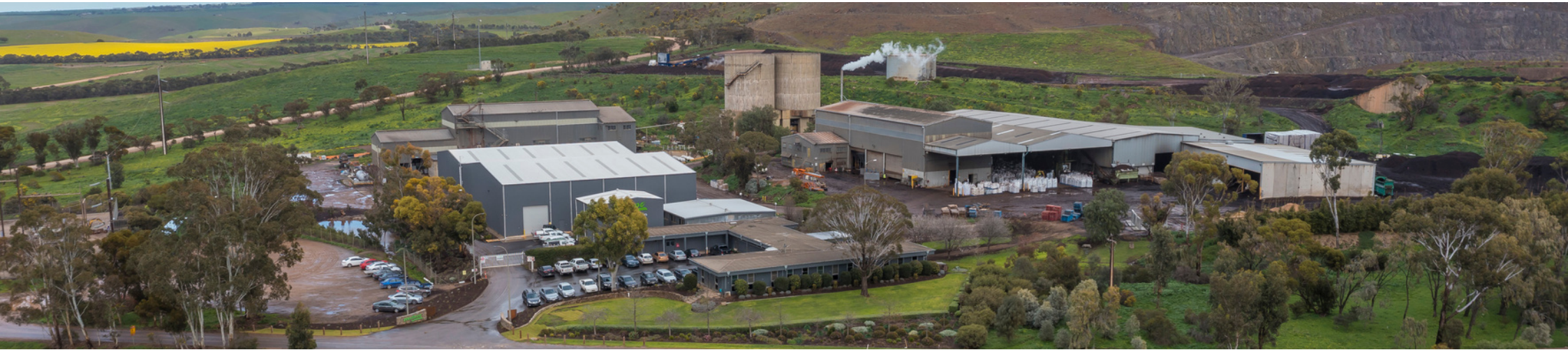
Stephen Lane Appointed as Neutrog Commercial Sales Manager
Upcoming Events

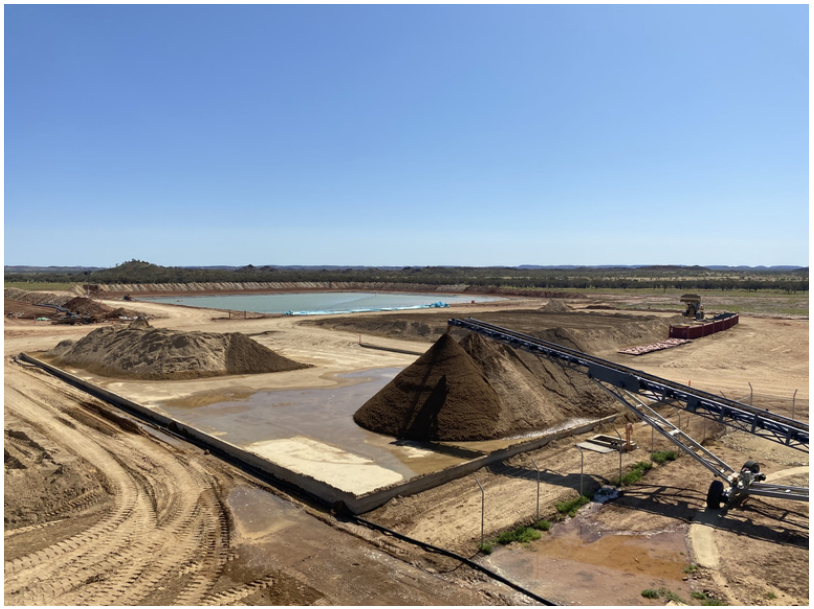
If you are interested in more information about Neutrog, please let us know at marketing@neutrog.com.au to make sure you receive both our monthly newsletters.

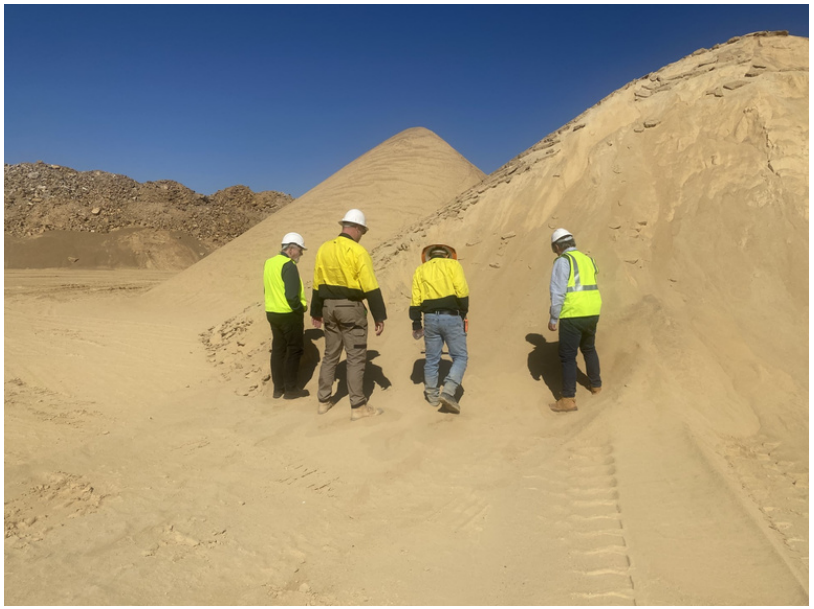
The one you're reading now is commercially focused, while we also put together a newsletter dedicated to growing plants at home. Each month we collate seasonal advice from experts, product profiles and garden features with a full insight into Neutrog.

Kind Regards,
The Neutrog Team



PROLIFER8 Now Available in the Commercial Market





PROLIFER8™ is a biologically activated, phosphate boosted fertiliser, coated with microbes that liberate and solubilise phosphate, fix nitrogen and improve plant resilience.

PROLIFER8 is manufactured by blending high grade Agriflex™ Phosphate (sourced from Centrex's Ardmore Phosphate mine in Mt Isa – arguably producing the best material of its kind in the world), with inoculated, composted poultry manure.

This pairing of Australian, premium grade phosphate and nutritionally dense composted manure, provides a high level of stable phosphate (6%) in organic and mineral forms, formulated into uniform, easy to use pellets.

These pellets are subsequently coated with INVIGOR8™, Neutrog's proprietary biological formula for liberating and solubilising phosphate – creating a unique combination of nutrition and biology.

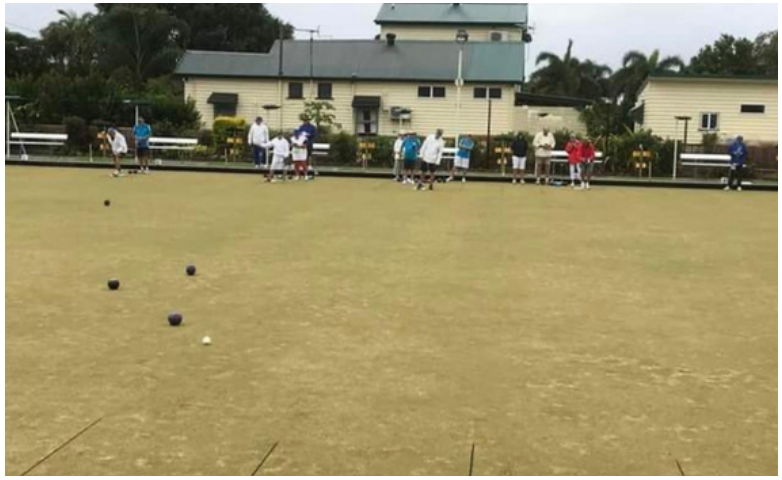
The microbes in INVIGOR8 cover a wide spectrum of genera including Penicillium, Bacillus, Pseudomonas, Serriata, Pantoea and Klebsiella.

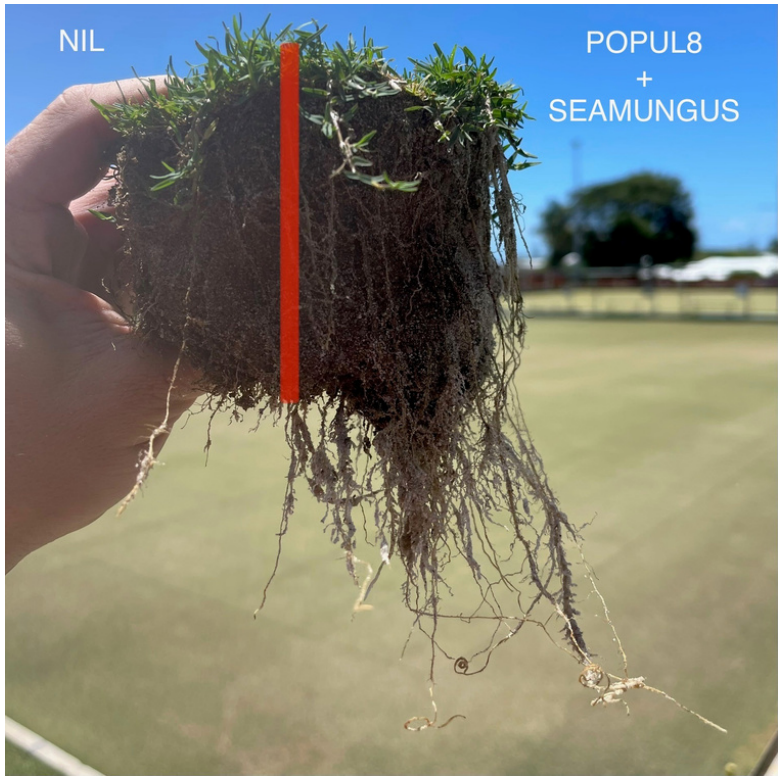
The specific phosphate liberators in INVIGOR8 liberate phosphate by producing molecules that function to break down the calcium phosphate molecule, which is insoluble and not bio-available. Once separated, the result is soluble phosphate which can then combine with hydrogen in the soil to create bio-available molecules that are used by plants. The added benefit is the co-liberation of the calcium, another critical plant nutrient.

"The combination of PROLIFER8 and INVIGOR8 provides farmers with the next generation biotechnology to deliver phosphate, via multiple pathways, to their crops." — Dr Uwe Stroeher

Find out more about PROLIFER8 on our website by clicking the link below, or contact our commercial team.

POPUL8 Controls ERI at Scarborough Bowls Club, QLD





Ectotrophic root-infecting fungi, better known as ERI, is the name given to fungi that cause a number of root diseases in turf. They are soil-borne and produce black mycelium (fungal threads) on the surface of roots and stems, causing patchiness and poor root health. If not controlled, the scaring from the disease will stay visible and effect the playability of any turf surface.

ERI is one of the most prominent pathogens in South East Queensland and has been a major issue at the Scarborough Bowls Club in Queensland for a decade. Along with ERI the greens have also developed a significant layer of thatch which has inhibited root growth, providing a significant challenge for Greenkeeper, Rhys Thurlow after he took over the maintenance of the greens in 2022.

Rhys says, "With complex rebuilds out of the question, alternative measures needed to be implemented and after extensive research, I believed that the combination of POPUL8 and Seamungus Advanced Biological Liquid would be the perfect solution for my situation to turn thatch into organic matter whilst simultaneously suppressing disease, promoting plant strength and accelerating root growth.

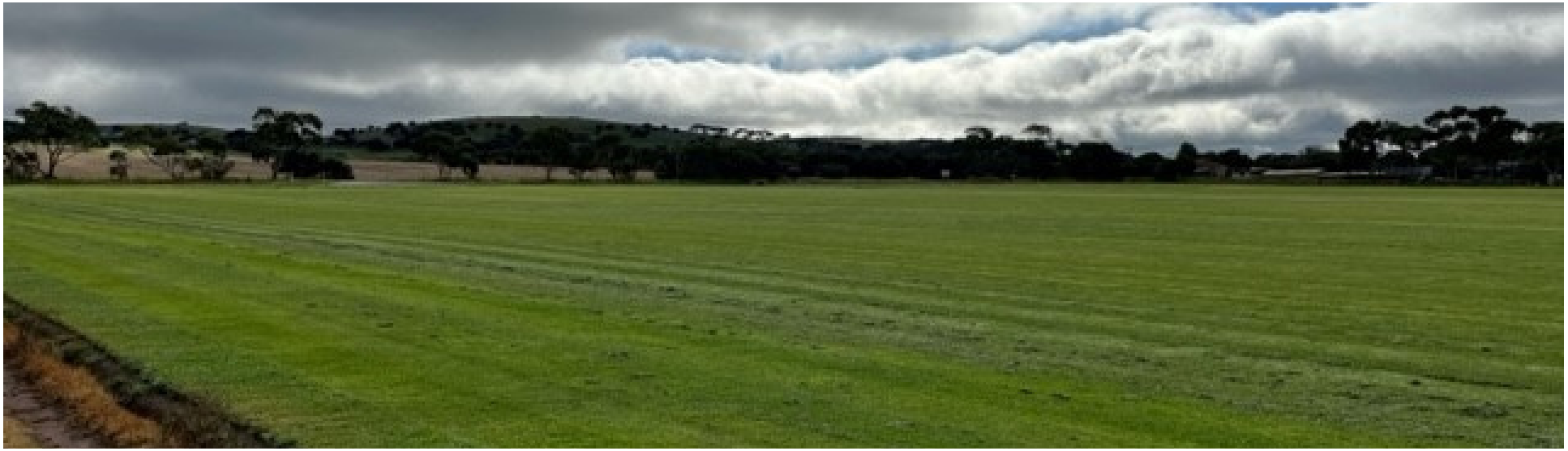
The two greens that had ERI pathogens running rampant in them for nearly a decade had immediate results when applying the products regularly, and haven't showed a single sign of disease since."

"With absolutely no fungicides needing to be applied in less than 12 months and a club full of happy members, I can safely say that I'll be applying POPUL8 and Seamungus indefinitely in all my maintenance programs and look forward to seeing the soil composition continue to improve over time."

Neutrog's R&D Manager, Dr Uwe says, "POPUL8 contains a number of bacteria which secrete compounds into the soil that have been shown to inhibit a range of pathogenic fungi. The most likely explanation for this situation is that the bacteria in POPUL8 have established themselves in the soil and have inhibited or killed the pathogen. The rapid and significant root development is likely due to other bacteria in POPUL8 that secrete the plant growth hormone indole-3-actetic acid (auxin). Auxins are the primary plant hormones responsible for root development.

What POPUL8 has done is reduced the pathogen load and increased root growth via biological synthesised compounds thus reducing or eliminating the need to apply harsh and potentially soil damaging chemicals."

Brook Turf Trial POPUL8 with Promising Results

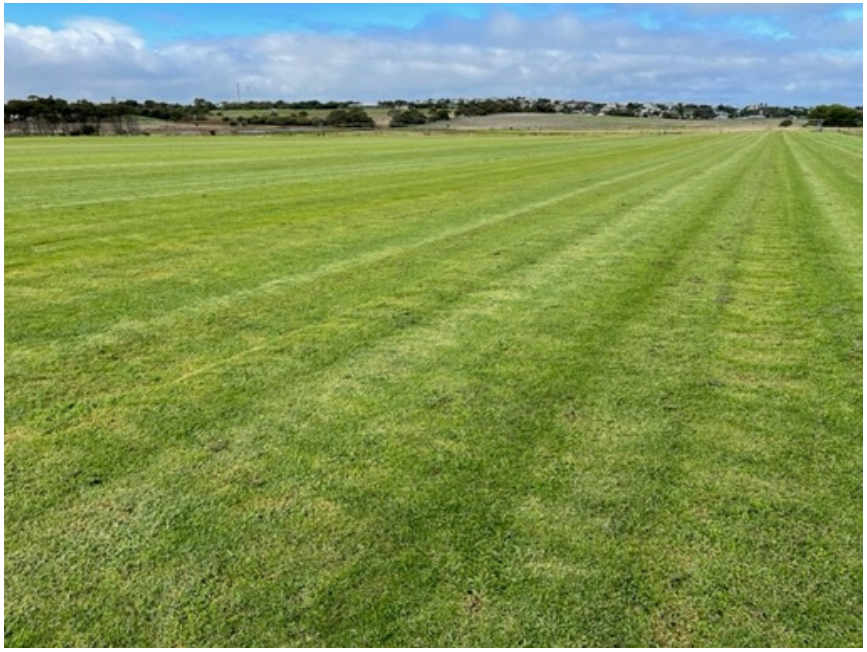


Brook Turf is a commercial instant lawn farm situated across two sites in Goolwa and Port Elliot, South Australia, supplying fresh turf to the DIY market, commercial landscapers, and on-sellers across the state.

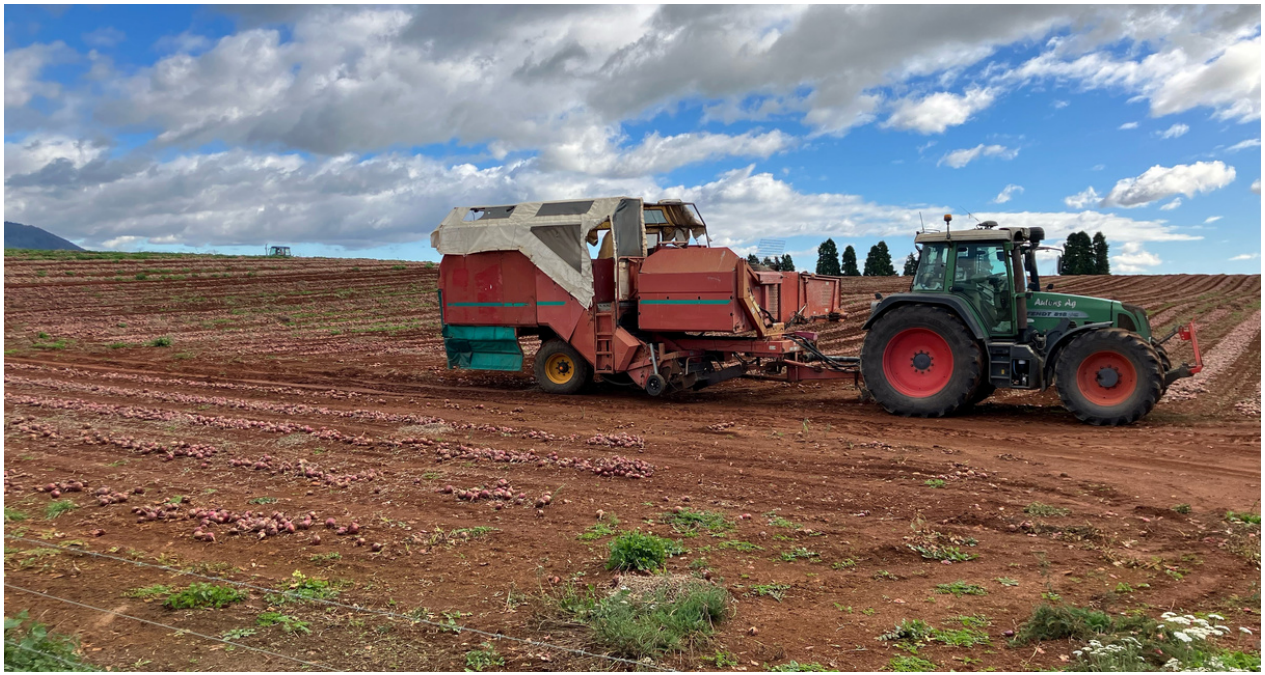
They operate on 2000 hectares with sandy soil where they grow mainly Kikuyu, Sapphire Buffalo and Santa Anna varieties.

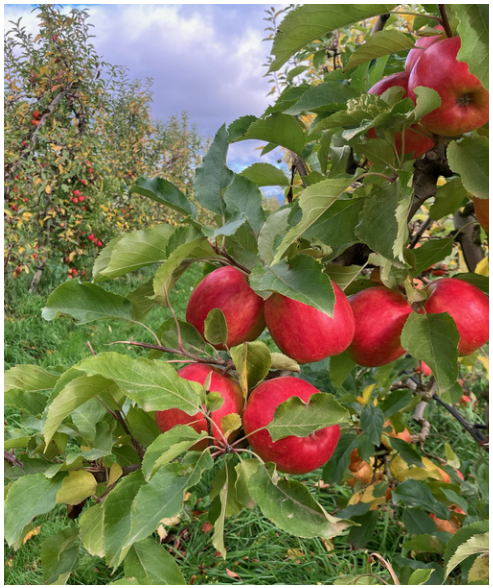
After visiting the factory and laboratory at Neutrog in February, the team at Brook Turf were keen to see the effects that an advanced soil biological like POPUL8 would have on their turf given the difficult growing season they have encountered.

The team at Brook Turf have applied 350KG per hectare of Rapid Raiser, followed by an application of POPUL8 at 5L per hectare.



Neutrog in New South Wales & Tasmania





This month, Neutrogs Commercial Customer Relationship Manager, Julie Walker, spent some time in Tasmania visiting distributors and growers in the Dorset, Central Highlands and Huon Valley regions.

Tasmania's food and agriculture sector is highly diversified and includes a large range of fruit, vegetables, field crops, livestock, dairy and viticulture. The combination of cool temperatures, good soils and rainfall mean that Tasmania is an ideal location for agri-businesses, creating opportunities for Neutrog to develop a stronger commercial presence in the state.

Later in the month, Julie travelled with Ace Ohlsson Agronomist, Nick Srour to meet with blueberry, raspberry and cucumber growers in the Woolgoolga area in NSW to discuss the benefits of POPUL8 for greenhouse operations as we approach the colder periods of the year.

The cold temperatures can bring on a number of challenges for commercial growers, including increased chance of frost stress and diseases. The wide diversity of microbes in POPUL8 increase protection and resilience against these forms of plant stress, while also promoting nutrient cycling, liberating nutrients, fixing nitrogen and producing plant growth hormones such as auxins.