



**Dear Readers,**

In this months newsletter:

PROLIFER8 shows biomass uplift in SA trials  
Turf pathogen R&D trial commences  
Limestone Coast producer innovation day  
BIOMETRI8, launching 2024

If you are interested in more information about Neutrog, please let us know at [marketing@neutrog.com.au](mailto: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**

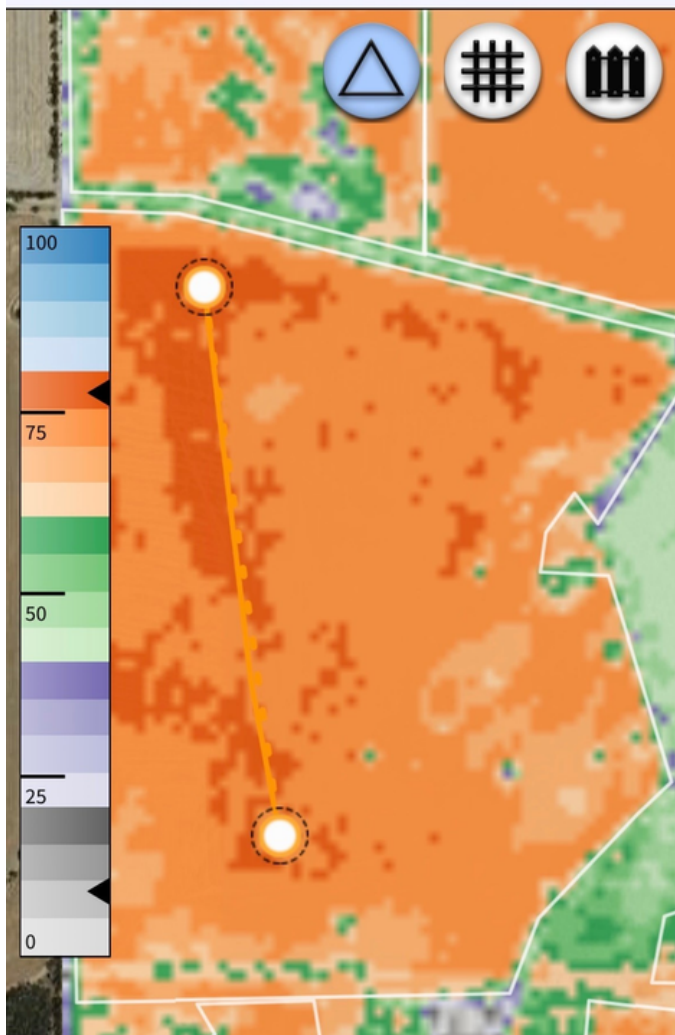


# PROLIFER8 Shows Biomass Uplift

**wissTeamSA CWCT-1** 2023-08-23

Chlorophyll Content (%)

840.77 ha



**Feedback from two pasture trials of PROLIFER8 were received in October each highlighting the noticeable improvement in biomass.**

"In a 50ha paddock, I applied PROLIFER8 in a strip at the rate of 120kg/ha. The paddock had barley in the year previous as well as 3T/ha of chicken manure and 250kg/ha SOA.

This year I applied nothing to the other areas of the paddock the only fertiliser, was the strip of PROLIFER8, but perhaps some residual remained from what was spread last year.

Chicken manure has been a regular part of our program. We buy the chicken litter in 12-18 months before we want to use it, leave it sitting in piles in the corner of the paddock, allowing it to compost and then spread it, so it is incorporated at sowing (we don't work it in).

We spread it at a rate of 2.5-3T/ha and then add SOA for the sulphur.

The area with the PROLIFER8 responded noticeably quickly and is visibly greener, healthier and more dense. The 80-90 cattle that are grazing in there are chasing the feed in that strip up and down the hill where it was spread, clearly choosing that fodder over the rest.

The rest of the paddock feed looks to be haying off but this area is still green.

Satellite imaging from before the area was spread and then progressively since spreading shows that what I feel like I am seeing regarding density and biomass is reflected on the images.

I'm looking forward to calculating what the increase in biomass is and what that would mean dollar wise for the paddock in terms of feed production.

I'm really impressed with the results."

**Craig Wissell, Ardrossan SA**  
**October 2023**

# PROLIFER8 Shows Biomass Uplift



**"I spread PROLIFER8 at the rate of 250kg/ha on a trial paddock in June on newly established and existing lucerne pasture on Hindmarsh Island.**

We get approximately 350mm of rainfall a year and our soil is majority sandy loam with areas of compaction.

In the past I have used Neutrog Organic fertiliser as part of a fertilising program where our main aim is to paddock feed 50 head of cattle and product one dryland hay cut.

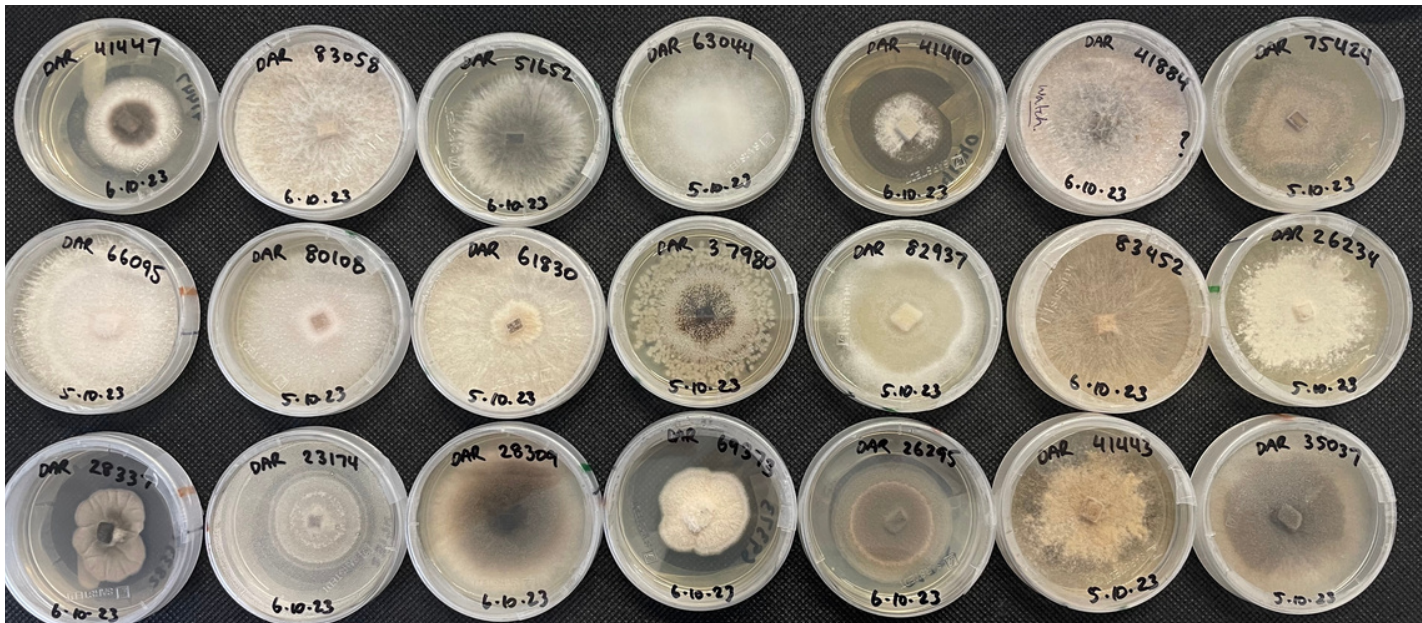
Following the application of PROLIFER8, right from the outset the lucerne plants were noticeably greener and more dense. This definitely contributed to a reduction in weeds, particularly the broom bush.

Brougham grass and hare tail is virtually non-existent in the PROLIFER8 trial paddock, and that same paddock has produced our best hay yet.

The plant density/biomass looks improved from previous seasons."

**Scott Elvish, Hindmarsh Island SA  
October 2023**

# Turf Pathogen R&D Trial Commences



**Did you know that every year, Australia produces 38 million square metres of turf with a value of close to \$300 million? From the humble patch of lawn in a backyard to larger commercial grounds that rely on healthy turf such as golf courses, sporting grounds and public parks, lawn holds a strong place in Australia's outdoor experience - but that doesn't come without its challenges.**

"As turf is often a single or a limited number of grass species, it can be considered a monoculture. This makes it prone to disease, particularly fungal diseases which can greatly reduce the value of the turf and effect the visual look and playability of the surface" says Neutrog R&D Manager, Dr Uwe Stroehrer.

"At Neutrog, we have obtained approximately 30 fungal pathogens from the Department of Primary Industries NSW via the Plant Pathology and Mycology Herbarium, which have been isolated from various turf varieties.

With these samples, we can begin to investigate potential inhibitors of these fungal pathogens. Currently, Neutrog's R&D department have over 60 isolates which show inhibition of a variety of plant fungi, and have had previous success in the inhibition of Pythium in turf (Pythium is not a fungal pathogen, but an oomycete or water mould).

Chemicals are restricted in their usage and efficacy, which is why we believe that finding suitable inhibitors will provide a breakthrough for both home gardeners and the turf growing and sporting field management industries."

# Limestone Coast Producer Innovation Day



**Hosted by Thomas Elder Sustainable Agriculture, the annual Producer Innovation Day was held at the PIRSA Straun farm demonstration site in late October.**

The field day brought together agronomists and growers from areas across the Limestone Coast to network and hear about soil renovation and pasture variety trial results. The trial aimed to establish pasture varieties suited to local conditions, giving growers greater confidence when growing their crops.

The day was also attended by Neutrog's Commercial Sales Manager, Emily Harrison, who conducted a presentation about biofertilisers. Other topics discussed included soil renovation methods, pasture mix, AgTech solutions and a spray drone demonstration.



# BIOMETRI8, Launching in 2024



**We are excited to announce that a new product, our most technologically advanced to date, is planned for a 2024 launch.**

The culmination of nearly 17 years of ongoing R&D, BIOMETRI8™ (“by-oh-mee-tree-ate”) is the Ultimate Probiotic designed to prevent, protect and revive plants through the beneficial characteristics of over 120+ individual microbial strains.

Each of these microbes have been isolated and identified by the Neutrog R&D team, from soil samples collected from all around Australia.

BIOMETRI8 also marks a significant milestone as our first release of a biological soil and plant product, contained in an easy-to-use, dissolvable capsule.

By utilising freeze-dry technology, each BIOMETRI8 capsule delivers a highly concentrated dose of billions of microbes in an efficient, sustainable format.

While BIOMETRI8 is initially planned to be marketed to home gardeners, the R&D involved in its development will extend into advancements in our commercial biological range.