



**Dear Readers,**

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Testing Ammonia levels for product safety  
Neutrog attends seminar at Cowra Japanese Garden with Turfcare Australia

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**



# Introducing the NEW Sudden Impact for Lawns + POPUL8 5L and 20L



**Sudden Impact for Lawns has been a strong part of our lawncare range for turf managers, green keepers and landscaping, and it will now be available in an advanced biological liquid formula.**

Like the original granule form, Sudden Impact for Lawns + POPUL8 Advanced Biological Liquid is a complete biological fertiliser specifically designed to provide a full range of nutrients and biology in a soluble format, able to be taken up by turf - through the leaf, roots and soil.

It's a premium, professional grade product (suitable for all lawn types), that will provide a quick response and is ideal for correcting nutrient deficiencies, treating stress related issues, and providing a boost to overall turf health.

Sudden Impact for Lawns + POPUL8 is manufactured by combining the advanced biological formula POPUL8, with a carefully balanced ratio of NPK and additional micronutrients. These components support lawn in the following ways:

- POPUL8 promotes nutrient cycling and liberation, fixes nitrogen, produces growth hormones and improves resilience to plant and soil pathogens.
- NITROGEN for bright green colour and growth.
- PHOSPHORUS to encourage deep root development.
- POTASSIUM for resilience to temperature and drought stress.
- MICRONUTRIENTS iron and magnesium are important for vigor, nitrogen uptake, photosynthesis, and activation of enzymes, helping turf transition between seasons.

If you'd like to find out more about Sudden Impact for Lawns + POPUL8 Advanced Biological Liquid, please get in touch with our commercial team [here](#).



# PROLIFER8 trials commence at Wells Farm in Kanmantoo



**Our R&D team have been busy establishing field trials of our newest product for the commercial market called 'PROLIFER8' – a biologically activated, phosphate boosted fertiliser, coated with microbes that liberate and solubilise phosphate, fix nitrogen, and improve plant resilience.**

Wells Farm which is situated just down the road from Neutrog's factory in Kanmantoo, will be trialling PROLIFER8 and comparing the results to their standard fertilising program.

Prior to the trial, Dr Uwe Stroehrer and David Yang from our R&D team collected soil samples and will return again at the end of the trial period to examine the soil's nutrient status and biological activity in the treated and untreated areas.

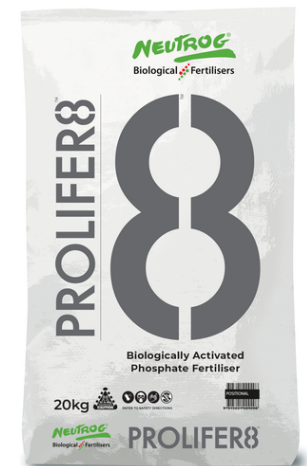
We look forward to sharing these results with you.

## PROLIFER8

PROLIFER8 is suitable across a wide range of applications including pasture, crop, and turf. Application rates will range from 100-300kg/ha.

PROLIFER8 is available in 20KG, 1TBB and bulk.

If you'd like to find out more about PROLIFER8, please get in touch with our commercial team [here](#).



# Testing Ammonia levels for Product Safety



**In addition to carrying out R&D on the various functions of microbes, Dr Uwe also conducts trials on the efficacy of our products.**

In the video below, Dr Uwe is testing for the presence and quantity of ammonia in raw poultry manure, in a Neutrog product (made from composted poultry manure) and in a competitor's product (also made from poultry manure)—the purpose of this testing is not to denigrate a competitor's product but rather to simply use it and the raw manure as a benchmark against our own product.

Test strips are dampened with water and then placed into the test tubes. When the strips change colour, this indicates that ammonia is present in the air around the sample. Of the three samples tested, Neutrog's product is the only sample that didn't have ammonia present.

Apart from being a hazardous gas, high levels of free ammonia will burn plants, particularly young ones. Neutrog's composting process stabilises the ammonia by turning it into non-volatile nitrogenous compounds, ensuring that it is not lost to the atmosphere.

You can view the video on YouTube by clicking the play button above or by clicking [here](#).



# Neutrog and Turfcare at Cowra Japanese Garden



**This month Turfcare Australia, Technical Agronomist Albie Leggett, organised a seminar for NSW based turf and horticulture specialists at the Cowra Japanese Garden and Cultural Centre.**

Neutrog Dr Uwe was a keynote speaker, attending with members from the Sydney Botanic Gardens, Mt Annan Botanic Gardens, Mt Tomah Botanic, Japanese Embassy - Canberra, National Arboretum - Canberra, Orange, Cowra and Penrith and Blue Mountains City Councils and Royal Agricultural Society NSW.

Albie presented on interpreting soil test results, while Neutrog's Dr. Uwe Stroeher delivered a session on Breeding Better Soils through Microbiology to close out the morning.

