

**JUNE 2022**



**Dear Readers,**

In this month's newsletter:

POPUL8 Tomato Trial Interim Results

Three new 10,000 litre liquid brewing tanks almost ready for installation into the Neutrog liquid production area of the Kanmantoo factory.  
R&D project at Century Orchards to reduce water stress on almond trees.

Our team are actively seeking the collection of soil samples from growers of a wide range of crops and production methods across Australia for our R&D department. If you would be interested in providing a sample, please use the contact links at the base of this email.

Kind Regards,  
**The Neutrog Team**





# POPUL8 Tomato Trial



**The tomatoes on the left are from the area treated with POPUL8. They have a noticeably thicker cell wall and are holding onto their green colour longer which leads to a longer growing time, resulting in larger, more marketable fruit.**



**In the area treated with POPUL8, there are more vigorous plants, with thicker stems resulting in higher levels of phosphorus. The tomatoes are also more uniform in the treated area.**

**POPUL8 field trial updates continue to come in from growers and agronomists north of Adelaide and most recently were these photos from a greenhouse trial on tomatoes.**

Justin Nicol from Elders Virginia sent us an email this week and had this to say, "I am very impressed with some of the early results I'm seeing in the crops that I've had treated with POPUL8, as are the growers.

To date, one of the biggest things I've seen from this product is how it works on the soil borne diseases. This tomato crop was planted in a really bad group where there is definitely some Fusarium in the soil.

As you can see in the untreated section the plants aren't as robust as the treated section.

This time last year the grower had 7,500 plants in this group and lost well over 200 of them through disease, this year they have only lost 6 plants in total, 4 of which are in the untreated section."

Look out for next month's newsletter when there will be more POPUL8 updates on turf, parsnips and capsicum. To find out more about POPUL8 you can contact a member of the Neutrog team, or your local Elders branch.



**In the untreated area, the tomato plants are less vigorous, with less fruit and less uniformity of fruit.**

## Three New 10,000L Liquid Tanks in Production



**After the arrival of a new 10,000 litre stainless steel brewing tank in 2021, we are excited to see that three new tanks that have been commissioned will soon be ready for installation into our liquid production area of the factory in Kanmantoo.**

It is a far cry from the 20-litre home brewing beer kit that held the first ever batch of GOGO Juice fifteen years ago and it is a considerable step up again from the extended series of 5,000 and 6,000 litre tanks we currently have in our brewery.

Demand for our brewed liquid biological products such as POPUL8, has continued to strengthen in the commercial market across a range of industries, and with these new brewing tanks Neutrog will be able to keep up with that demand.

The extra capacity these new tanks will provide will also allow us to better utilise our bank of ten 10,000L stainless steel storage tanks .



# R&D Project Commences on Almonds at Century Orchards

**Based in Loxton, South Australia, Century Orchards is a certified Quality Assured orchard that grows and produces a number of different varieties of almonds.**

Following a visit at the end of May by our R&D team, an R&D project will be established to determine if pre-planting treatment with an advanced liquid biological such as POPUL8 can reduce water stress in almond trees.

Several hundred new trees to be planted across the orchard will be treated prior to planting with either POPUL8 diluted with water, or just water.

The trial will be specifically looking at the potential impact on root development, plant growth and tolerance to water stress. Assessments will also be taken on the volume of foliage and chlorophyll concentrations.

Once planted, establishment of the trees will be closely monitored by Gemma Nunn, Technical Officer at Century Orchards. In addition, aerial photography will be undertaken six times a year by Ceres Imaging to determine the water stress level and measure the overall leaf area and chlorophyll levels.

We look forward to telling you more about this R&D project once it gets underway over the coming months.

Growers or distributors who are interested in conducting R&D with our Neutrog team are encouraged to contact us directly.



**Brenton, Manager of Century Orchards, and Gemma, Technical Officer, discussing the upcoming trial with Dr Uwe Stroehler.**



**Whether the weather be fine,  
Whether the weather be not,  
Whether the weather be cold,  
Whether the weather be hot,  
We'll weather the weather,  
Whatever the weather,  
Whether we like it or not.**

**We know that most farmers and growers have about eight individual weather sites that they monitor – particularly when waiting for rain!**

At a recent Elders Viticulture Growers day at Tanunda we heard from a Consultant Climatologist Darren Ray who talked in detail about the tools they use to forecast the weather and it was predictably far more complex and scientific than “ring near, rain far” or an aching knee.

One particular aspect that we thought we'd share is a site they use called [www.meteologix.com/au](http://www.meteologix.com/au) which is effectively a short term weather predictor that combines information from a host of other sites and creates an average – a significant time saver when working out how to work with and around Mother Nature.

So, if you're interested in weather, it's worth a look.

For more information about Neutrog products, please contact our team.

Neutrog products are also suitable for the home garden, and you can find out more by signing up to receive our monthly retail newsletter for stories from gardening experts, product profiles and seasonal fertilising guides for home gardens.

If you would like to receive this newsletter, please email [marketing@neutrog.com.au](mailto:marketing@neutrog.com.au)



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