





"The wide diversity of beneficial bacteria and fungi within POPUL8<sup>™</sup> not only provides protection by filling the biological space in the soil but also stimulates and enhances healthy plant growth above and below ground."

Dr Uwe Strocher

R&D Manager, Neutrog Biological Fertilisers

## POPUL8

POPUL8™ is an Advanced Soil Biological Formula specifically developed and manufactured by Neutrog Australia.

POPUL8 is designed to populate and occupy the biological space in the soil and on plant roots which may otherwise be an available space for plant pathogens to inhabit...hence its name.

POPUL8 contains a diverse microbiome of some 200+ naturally occurring microbes, plus a further 42 specifically selected bacteria and fungi have been isolated, identified and added for their individual and joint symbiotic purpose and beneficial characteristics.

The high number and wide diversity of microbes in POPUL8 have been chosen to maximise the range of functions POPUL8 can perform, including:

Promote **Nutrient Cycling** from its microbiome of 200+ diverse bacteria and fungi known for their ability to break down organic compounds

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Liberate Nutrients such as phosphorus, potassium and calcium from the inclusion of specific individual microbes



Fix Nitrogen from the inclusion of specific individual microbes that can fix up to 40kg of nitrogen, per hectare, per year



Produce Plant Growth Hormones such as auxins and gibberellins from the inclusion of specific individual microbes



**Protection & Resilience** against disease by filling the biological space that could otherwise be occupied by pathogens



**Bio-Stimulation** through the inclusion of proteins, vitamins, amino acids, micro-nutrients, cellulose and fulvic and humic acids extracted from kelp, fish and leonardite.

POPUL8 is suitable for all plant types, all soil types and all locations.

## Application

Dilute one capful (40ml) of POPUL8 in 10 litres of water which will cover up to 8m2 of soil. Water in well.

Apply POPUL8 once per season to protect and enhance plant health and growth, or apply to plants stressed by an event, such as heat, flood and drought or pests and disease.

Use POPUL8 during low UV or prior to a rain event if possible (UV and extreme hot, dry conditions will kill many of the microbes).

## Storage & Use

Store in a cool place away from direct sunlight. Shake well before use. Do not mix with other fungicides or bactericides. Use diluted POPUL8 within one (1) week of dilution.

## Safety Directions

This product contains a variety of naturally occurring living micro-organisms. It is recommended that you wear a mask, gloves and eyewear when handling. Wash hands immediately after use. Not for consumption.



Developed in conjunction with commercial R&D Partner, Elders



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