



Blue Pacific  
MINERALS

Plant+Soil+Turf



CLEVER by NATURE



# PERMA WET®



## IMPROVE WATER **ABSORPTION,** **DISTRIBUTION & RETENTION** OF NUTRIENTS IN GROWING MEDIA



SOIL  
HEALTH



SOIL  
STRUCTURE



MOISTURE  
RETENTION

PERMAWET® granules incorporate a specialised non-ionic surfactant system designed for controlled and gradual release within the growing media.



The surfactants play a crucial role in mitigating surface tension between water (or fertilisers) and the solid growing media by effectively breaking down waxes and oils.

### FEATURES:

- Reduces surface tension between solids and liquids
- Reduced soil erosion
- Retains moisture, reduces water use
- CEC improves utilisation of nutrients
- Mixed with soil, sand, fertilisers or top dressed



By reducing surface tension, PERMAWET® facilitates uniform liquid dispersion throughout the profile, thereby preventing surface run-off, soil erosion, and leaching.

This unparalleled water management approach optimises the utilisation of natural resources, promoting sustainable practices in plant cultivation.

Furthermore, the combination of PERMAWET® surfactants with its Zeolite cation exchange capacity (CEC) significantly enhances nutrient management. This synergy allows for better nutrient absorption and retention, contributing to improved plant growth and maximising crop yields.

Whether applied in turf management, landscaping, cropping, or home gardening, PERMAWET® emerges as an invaluable tool for achieving water-efficient and environmentally responsible practices. Its advanced formulation ensures that water and nutrients are utilised efficiently, promoting resilient and thriving vegetation in diverse agricultural and horticultural settings.

## PERMAWET® Functional Advantages

- Mixed with a wide range of growing media including sand, soil, compost or potting mixes
- Top dressed on turf applications to improve water efficiency and reduce 'dry patch'
- Added to granular fertiliser to improve effectiveness of water management and nutrients
- Promotes rapid germination, strong root development and a dense turf mat
- Retains and regulates moisture within the growing media
- Reduces fertiliser use by retaining nutrients such as Ammonium (NH<sub>4</sub>) Nitrogen (N), Potassium (K), Calcium (Ca) and Magnesium (Mg) making them available to the plant
- Permanent addition to the soil profile, does not dissolve away
- Binds heavy metals
- Capital investment providing short, medium and long term benefits

## USAGE

APPLICATION		RATE	APPLICATION NOTES
Propagation & Plug Mixes	Mixed	0.5kg/m <sup>3</sup>	Distribute evenly into media and mix well to ensure a consistent blend before adding to planting area or containers. Always water in well
Landscaping	Mixed	0.5kg/m <sup>3</sup>	
General Potting Mixes	Mixed	0.75kg/m <sup>3</sup>	
Coco Fibre Based Mixes	Mixed	0.5kg/m <sup>3</sup>	
Bark Based Mixes	Mixed	0.75kg/m <sup>3</sup>	
Peat Based Mixes	Mixed	1kg/m <sup>3</sup>	
Vegetable Garden	Top Dress	100-200gram/1m <sup>2</sup>	Distribute evenly
Plants & Shrubs	Top Dress	100-200gram/1m <sup>2</sup>	
Greens & Tees	Top Dress	1.5kg/100m <sup>2</sup>	Reapply 1-2 months
Fairways/Sports Fields	Top Dress	2kg/100m <sup>2</sup>	Reapply 2-3 months
Pot Plants	Top Dress	1 x heaped tablespoon per 100mm pot diameter	Evenly distribute into pot
Granular Fertiliser Mix	Top Dress	60kg / Hectare	Mix into granular fertiliser before top dressing

## INGREDIENTS

Zeolite, Non-ionic surfactant

*Particle size manufactured to meet USGA specifications.*

## PACKAGING

20kg | Bulk



SCAN ME



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**Blue Pacific  
MINERALS**

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