

Technical Data Sheet



“Unlock the full potential of your soil with Ocean2Earth, Australia’s only natural marine compost enriched with sea minerals and nutrients”

Key Microbes in Ocean2Earth Soil Enhancer

- **Geomyces:** Dominates the microbial population, breaking down organic matter and enriching the soil.
- **Saprotrophic Fungi:** Expertly decomposes organic matter, feeding and stimulating native microbes.
- **Trichoderma:** Boosts disease resistance and reduces plant stress.
- **Mychorizae:** Facilitates nutrient absorption and promotes root growth.
- **Riboziam:** Enhances nitrogen fixation for healthier plants.

Key Benefits of Ocean2Earth Microbes

- **Nutrient Cycling:** Bacteria and fungi work together to recycle essential nutrients back into the soil.
- **Carbon Cycling:** Fungi dominate this process, ensuring efficient carbon retention and soil fertility.
- **Disease Resistance & Stress Tolerance:** Helps plants resist diseases and reduces environmental stress.
- **Building Soil Structure & Feeding Existing Microbes:** Improves soil health by building its structure and stimulating native microbes.

% abundance of bacterial families/genera

	X20030	X20031	X20032	X20033	X20034	X20173	X20174
Bacillaceae	2.58%	2.32%	2.62%	2.11%	1.23%	0.03%	0.60%
Nitrosomonads	0.98%	3.17%	1.13%	1.92%	0.27%	2.80%	2.25%
Nitrospira	0.25%	0.85%	0.13%	0.33%	0.13%	0.24%	0.24%
Sphingobacteriaceae	0.52%	0.09%	0.39%	0.14%	0.91%	0.01%	0.09%
Sphingomonads	9.55%	3.70%	4.30%	3.18%	2.94%	4.63%	7.97%
Chitinophagaceae	2.58%	0.85%	0.94%	1.63%	0.82%	1.21%	0.71%
Nocardiaceae	6.40%	4.58%	3.04%	3.52%	4.58%	4.25%	2.70%
Pseudonocardiaceae	2.37%	1.15%	1.32%	1.97%	1.34%	1.69%	1.95%
Pseudomonads	0.41%	0.08%	0.31%	0.11%	0.25%	0.02%	0.10%
Azospirillaceae	0.27%	0.76%	0.04%	0.17%	0.03%	0.08%	0.00%
Flavobacteriaceae	0.22%	0.00%	0.11%	0.18%	0.37%	0.19%	0.00%
Enterobacteriaceae	0.09%	0.00%	0.02%	0.03%	0.04%	0.04%	0.00%
Streptomycetaceae	4.80%	5.33%	2.30%	4.13%	2.88%	1.66%	1.30%