

Ocean2Earth Compost Extract

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Biostimulant for Soil and Foliar Applications.

What is Compost Extract?

Ocean2Earth Compost Extract is a biological stimulant developed to enhance microbial activity in both soil and on the leaf surface. It is made from a naturally composted blend of marine byproducts including fish, abalone, sea urchin, scallops, oysters and more, using a first-of-its-kind Australian composting process. This method cultivates a diverse and resilient community of beneficial microbes that support soil function, nutrient cycling and overall plant health.

Why use it?

- ✓ Enhance soil microbial activity and carbon cycling
- ✓ Increase microbial biomass and beneficial microbial populations
- ✓ Improve nutrient use efficiency and root-soil interaction
- ✓ Field observations indicate reduced frost in treated areas (anecdotal)
- ✓ Can be integrated into existing fertiliser program to get more out of your inputs
- ✓ Feed the plant natural sea minerals through the leaf

Benefits

-  Broadacre cropping and grazing
-  Regenerative and biological farming
-  Post-drought and soil health reset
-  Extend growing season by increasing frost tolerance
-  Enhancing Biological function



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Contact us for pricing today at
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The Natural Farming **Solution**

www.ocean2earth.com.au

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Application

Kit Size	Hectares Treated
20L Bucket Compost Extract and 1.2L Sachel Liquid Biology Booster	10
250L Bulk Compost Extract and 15L Liquid Biology Booster	125
1000L Bulk Compost Extract and 4x 15L Drum Biology Booster Liquid	500

The recommended water mix rate is 1000L per 20L extract. The goal is to thoroughly wet the leaf surface - over-application is not a concern.

When mixed with water, the extract delivers billions of active beneficial microbes and spores that are sprayed on and colonise on the leaf surface and the soil. These microbes stimulate plant to soil processes, enhance nutrient cycling and support plant resilience.

These include:

- **Carbon-cycling saprotrophic fungi** (e.g. Geomyces, Mortierella, Chaetomium): Break down complex organic matter, releasing nutrients and boosting microbial turnover.
- **Plant-beneficial bacteria** (e.g. Lysobacter, Glycomyces, Bacillus, Flavobacterium): Associated with disease suppression, growth promotion and stress tolerance.
- **Actinomycetes** Known to support soil structure and plant-microbe signalling.

How to use it

- Mixing: Combine compost and booster in mixing tank with water (preferably unchlorinated) and agitate heavily for approximately 30 minutes
- Use within 6 hours of mixing for maximum microbial activity
- Target: Wet the leaf surface – soil saturation is not required
- Application Tools: Use firefighter with fan spray type nozzle or a TOW and FERT unit (www.towandfert.com.au)
- Boom sprayers are only recommended if nozzle and filter type are suitable
- Our Compost Extract can be sprayed out at high or low pressure

Microbial Profile

- 20L kit - over 7.7billion colony forming units of active microbes
- 250L kit - over 96 billion colony forming units of active microbes
- 1000L kit - over 385 billion colony forming units of active microbes

Ocean2Earth Compost Extract is a well-balanced cordial for your plants. Our formulation combines compost extract with a microbe booster to support biological activity, facilitate sea mineral uptake and promote plant response. The blend is carefully balanced, and we recommend using it as instructed without adding other inputs, to ensure the product performs as intended.



Microbial Profile – Per Gram of Compost Extract	
Microbial Group	CFU/g
Active Lactic Acid Bacteria	1,000
Total Active Fungi	190,000
Active Yeasts	100
Active Actinomycetes	290,000
Active Photosynthetic Bacteria	100
Total Active Population	481,000