



Directions for Use

- Shake well or agitate before use.
- Always dilute before application.
- Apply at recommended rates for best results.
- Frequent, lower-dose applications yield the best outcomes.
- Apply using a boom sprayer (we recommend Silvan high probe boomless nozzle kit, or blue coded nozzles/coarser with nozzle filters removed).
- We recommend a 21-day withholding period to allow full absorption and maximize soil and plant benefits.

Application Rates & Timing

For all broadacre applications, rates refer to dilution within 100 L of water per hectare. Horticultural applications may vary based on application method but typically range between 60–100 L of water per hectare. (For small areas, divide L/Ha by 10 to get mL per m²).

Pasture

Beef/Sheep: 5–10L twice per year (100 mL/Ha mixed spray).

Dairy/High-Input Farming: 15–20L three times per year.

Hay, Silage & Lucerne

15–20L at lockup.
15–20L between cuts.

Cereals & Broadacre

3–5L at first node, flag leaf stage and post-environmental stress.

Citrus

3–6L at 100mm new growth flush.
2 weeks pre-bloom, petal fall, and fruit set.
Repeat every 4 weeks.

Vegetables

3–6L every 2–3 weeks starting 2–3 weeks post-emergence. Stop application 1 week before harvest.

Avocados

3–6L at the start of regrowth.
2 weeks pre-bloom, 2 weeks post-petal fall.
Continue every 3–4 weeks until harvest.

Transplanting

Dilute 1:200 and apply as a drench to seedling trays 2–5 days before transplanting.

Pre-Planting Ground Spray

Up to 50L/Ha in 100–400L of water, applied to bare ground pre-planting.



Unlock the power and efficiency of foliar feeding!

Our advanced hydrolysate **SEA SPRAY** delivers a diverse range of essential nutrients directly to your plants and soil, ensuring optimal growth and vitality. **SEA SPRAY** works symbiotically within the plant's rhizosphere to efficiently deliver nutrients to your crops.

SEA SPRAY is also readily absorbed through the plant's stomata, allowing the plant to bypass soil-related issues including colder temperatures.

Ocean2Earth **SEA SPRAY** feeds microbial activity in the soil and improves soil structure and fertility by increasing mineral availability for plant uptake, making it the perfect addition to our Ocean2Earth soil enhancers and liquid fertilisers. **SEA SPRAY** is 100% Australian sourced, organic and derived from seafood waste that would otherwise end up in landfill.

SEA SPRAY is a rich natural nutrient source, containing nitrogen, essential minerals, amino acids, proteins and organic acids that enhance plant growth and soil health.

A seafood buffet for your soil and plants!

Benefits

-  Rich natural nutrient source (N, P, K, Ca, Mg, S and trace minerals)
-  Organic product
-  Improved soil health and fertility
-  Enhanced plant growth and resilience
-  Organic acids improve nutrient solubility and microbial activity
-  Reduced synthetic fertiliser reliance
-  Versatile application

Suitable for:



Agriculture

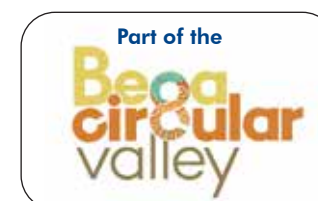


Horticulture

O2E 0486

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The natural farming solution



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For optimal results, follow the recommended application schedule and dosage.

Typical General Analysis (% w/w or ppm)

Macronutrients	
Element	% w/w
Nitrogen - N	0.90
Phosphorus (mg/kg) - P	0.13
Potassium (mg/kg) - K	0.39
Calcium (mg/kg) - Ca	0.263
Magnesium (mg/kg) - Mg	0.05
Sulphur (mg/kg) - S	0.14
Sodium - Na	0.0906
Micronutrients	
Element	ppm
Iron - Fe	14
Manganese - Mn	2.6
Zinc - Zn	3.4
Copper - Cu	0.49
Boron - B	1.05
Cobalt - Co	0.1
Molybdenum - Mo	0.1
Soil Health Indicators	
Parameter	Value
pH	4.11
Electrical Conductivity - EC	20,700 µS/cm
Organic Carbon - OC	3.41%
Carbon/Nitrogen Ratio - C/N	4.76
Organic Acids & Preservatives	
Element	% w/w
Acetic Acid	0.36
Sodium Diacetate	0.43
Malic Acid	0.05

While nutrient concentrations are modest, SEA SPRAY delivers nutrients in highly bioavailable, organic forms that stimulate soil biology and improve nutrient cycling, which makes this the perfect accompaniment to other Ocean2Earth fertilisers.

Typical Amino Acid Profile (mole%)

Sea Spray™ also contains a rich profile of naturally occurring amino acids, providing important bio-stimulant benefits beyond basic nutrition.

Amino Acid	Mole%	Key Benefit
Alanine	26.6	Energy and stress tolerance
Leucine	11.3	Protein synthesis, stress resilience
Valine	9.6	Growth and stress signalling
Isoleucine	6.6	Stress tolerance, metabolism
Glutamic acid	7.6	Nitrogen metabolism, root growth
Aspartic acid	5.1	Nutrient uptake, root health
Glycine	5.9	Chlorophyll formation, photosynthesis
Arginine	4.0	Growth regulation, resilience
Taurine	2.9	Antioxidant, osmo-regulation
Hydroxyproline	3.0	Structural support, stress protection
Others (trace)	<2	Balance and diversity

Benefits Summary

Sea Spray™ provides a balanced source of essential macro and micronutrients, enriched with organic acids that support nutrient uptake and soil biology. Its unique amino acid profile delivers bio-stimulant effects, improving crop resilience under stress, enhancing nutrient efficiency, and promoting healthy soil microbial activity. The result is stronger plants, healthier soils, and more sustainable farming outcomes.

