



soilmate™ ELEVATE

Soil Mate Wild Harvested Seaweed (WHS) Concentrate Fertiliser 0.5-3.5-1.1

This liquid seaweed fertiliser contains almost every micro-nutrient in a fully chelated (immediately available) form. The wild harvested seaweed is also loaded with carbohydrates which plants use as a building block. Numerous beneficial micro-organisms also use carbohydrates as a food source (especially the alginates in the seaweed) that act as soil conditioners. Seaweed also contains alginic acid and mannitol, which are carbohydrates with chelating ability. Chelates are large organic molecules which encircle and hold trace elements enabling plants to effectively absorb micro-nutrients that are generally in 'unavailable' forms. The alginates react with metals in the soil and form long, cross-linked polymers, these polymers improve the crumbling in the soil, swell up when they get wet and retain moisture for long periods.

Important Plant Hormones in Soil Mate Wild Harvested Liquid Seaweed Fertiliser

Another vital component of our WHS Liquid Seaweed Fertilisers are hormones. Seaweed contains four primary hormone types: auxins, cytokinins, betaines and gibberellins. These hormones, although only required in very small proportions, are essential to plant health and vitality.

+ Auxins

There are many different auxins, and they all have a specific role. The primary function of auxins is to balance the plants speed of growth. They have both growth-stimulating and growth-delaying functions. They also stimulate root growth and prevent bud forming or bud opening at the wrong times. Seaweed plays an important role in the plant's own auxins production as the hormones form with the help of trace elements from the liquid seaweed fertiliser.

+ Cytokinins

Cytokinins are another group of essential plant hormones. They initiate and activate basic growth processes. Cytokinins available in liquid seaweed stimulates growth with greater vigor because they mobilize nutrients in the leaves. They also provide protection from marginal frost (up to -3 Celsius). Cytokinins also control the senescence, loss of a cell's power of division and growth (aging processes) in the plant.

+ Betaines

Betaines play an essential role in the osmotic processes in plants. They help to increase the water uptake in plants and are extremely helpful in dry conditions. Betaines are also particularly helpful to plants undergoing stress.

- Produces a higher yield of crop
- Plant growth stimulant
- Encourages germination of seeds and root growth
- Repels slugs and other pests
- Enriches the soil

Our Wild Harvested Seaweed and Abalone Fertilisers are sustainably sourced from Victoria waters. Our Full range of Organic Fertilisers are proudly Australian Made & Owned.

- Contains natural growth hormones
- Boosts lethargic plants
- Helps lighten the soil

Total Major Nutrients:	Unit
Nitrogen (N)	% 0.481
Phosphorus (P)	% 3.52
Potassium (K)	% 1.1
Sulphur (S)	% 0.06
Total Cations:	
Calcium (Ca)	% 0.0375
Magnesium (Mg)	% 0.0244
Sodium (Na)	% 0.474
Total Minerals:	
Copper (Cu)	ppm 3.32
Zinc (Zn)	ppm 8.64
Iron (Fe)	ppm 3.33
Manganese (Mn)	ppm 1.8
Cobalt (Co)	ppm 0.12
Molybdenum (Mo)	ppm 0.242
Boron (B)	ppm 24.8
Carbon Content:	
Organic Matter	% 3.8
Organic Carbon	% 1.79
Carbon/Nitrogen Ratio	C/N 4.28
pH (1:5 Water)	7.03

Application Rates

Soil Mate WHS can be applied through all farming equipment including boom sprays, pivots, knapsack sprayers etc.

For all types of spray equipment, use the area normally covered by one tankful to determine how much product to add.

4-6L/Ha application rate on all crop types.

