



Organic Kelp Microbial Bio-Stimulant

PRODUCT DESCRIPTION

Bio+kelp is biologically extracted liquified Australian Bull Kelp (*Durvillea potatorum*) designed to deliver optimum benefits by increasing your plants' chlorophyll production. **Bio+kelp** stimulates natural development & growth. It functions as a catalyst to let your plants use the sun's energy more effectively, thereby promoting stronger healthier growth. **Bio+kelp** creates an extended root system giving your plants greater access to nutrients & water in the soil thus contributing to long term health. **Bio+kelp** stimulates beneficial soil microbial activity which leads to improving your plants natural resistance to stresses. It creates a "biological barrier" between your plants & pathogens. **Bio+kelp** also contains important bio-growth stimulants, which have a significant effect on seed germination, root development and general growth. **Bio+kelp** can be an effective fertiliser supplement to help restore soil condition.

PRINCIPAL BENEFITS TO PLANTS, TREES AND VINES

- Increases flowering, fruit production & quality of produce. Increases protection against transplant shock.
- Builds brix (sugar) levels. High brix levels have shown higher resistance to pests and diseases.
- Increases root growth improving resistance to stress. Feeds soil microbiology.

SUGGESTED APPLICATION RATES

Seed Treatments	• 3 litres of Bio+kelp per tonne of seed
Foliar & Irrigation	• 2 – 3 litres of Bio+kelp per hectare

DIRECTIONS FOR USE

25:1 to 50:1 are acceptable dilution rates. **Bio+kelp** can be used with most other compounds and organic liquid fertilisers. It is best applied as a foliar spray or soil drench. Spraying should not occur if rain is expected within 8 hours or immediately before overhead watering.

CLEAN UP PROCEDURE

Use or discharge any remaining mixture and purge the tank and sprays with clean water. DO NOT return any diluted spray mix to the containers holding full strength emulsion.

TYPICAL ANALYSIS

Note: Trace Elements and Vitamins screened to 100 microns

Nitrogen	610ppm	Magnesium	1500ppm	Phosphorus	180ppm	Potassium	2000ppm
Calcium	1900ppm	Sulphur	1600ppm	Iron	12ppm	Zinc	3.1ppm
Copper	0.2ppm	pH	3.5 – 5.1	Boron	13ppm	Molybdenum	5ppm
Cobalt	0.5ppm	Sodium	0.57%	Chloride	0.48%	Tri-indole Acetic Acid	150mcg/L
Cytokinins	25mcg/L	Plus 17 Amino Acid plant growth hormone					

DISCLAIMER: Recommended dilution & spread rates suggested by COLF Pty Ltd contained in this document are a guide only. Local soil conditions and previous land use should be taken into consideration. The end user shall take all responsibility for both testing of the product's compatibility with other products and machinery used in the spreading of this product and cleaning of equipment used.

Bio+ Kelp is produced under licence in Australia for COLF Pty Ltd, PO Box 37, Vasse, 6280, ACN 620557673, from Australian ingredients.