



SB MarineVera

Born in The Wild Waters of The South Atlantic. BioPower from the Nutrient Rich Dense Kelp Forests of EKLONIA MAXIMA, where the TWO OCEANS meet. The Cold Benguela and warm Agulhas current, collide creating one of the most oxygen rich, mineral dense, and productive marine environments.

Key Benefits

Root Development: Stimulates deep, vigorous roots – ideal for establishing vegetables, orchards, and vineyards

Flowering & Fruit Set: Increases flower initiation and retention due to improved nutrient flow and lower stress

Nutrient Efficiency: Enhances fertilizer absorption when applied together

Stress Tolerance: Mitigates abiotic stress (cold, frost, heat, wind, drought) and herbicide stress aiding post-spray recovery

Plant Defence Activation: Triggers natural immunity, improving resistance against fungal and pest pressure

Photosynthetic Boost: Supports chlorophyll development and carbohydrate production

Transplant Recovery: Reduces shock in relocated or stressed plants

Yield Improvement: Promotes overall crop performance and uniform development

Specifications

Form: Liquid concentrate pH: 4.8–5.0

Specific Gravity: 1.02–1.04

Colour: Brown/Green

Odour: Natural marine scent

Solubility: 100% water soluble

Origin: South Africa

Bioactive Compounds	(approximate µg/kg or ppb)
Salicylic Acid:	>22 000
Indole-3-Acetic Acid (IAA):	~4200
Zeatin	~80
6-(γ,γ-Dimethylallylamino) Purine:	~65
Gibberellic Acid:	~27
Abscisic Acid (ABA):	~23
Jasmonic Acid:	~6

Also present: Brassinosteroids, Polyamines, Phlorotannins, Alginates, Betaines

Other Natural Compounds	(ppm, minimum levels)
Organic Carbon:	>22 000
Total Carbohydrates:	~4200
Alginate Acid:	~80
Mannitol:	~65
Sorbitol:	~6

NUTRIENT CONTENT

Macronutrients	(g/kg)
Calcium (Ca):	~1.9
Sulphur (S):	~0.4
Nitrogen (N):	~1.4
Potassium (K):	~2.4
Phosphate (P):	~0.2
Magnesium (Mg):	~0.3

Micronutrients	(g/kg)
Zinc (Zn):	~0.12
Boron (B):	<0.01
Copper (Cu):	<0.01
Manganese (Mn):	<0.01
Molybdenum (Mo):	<0.01

Storage: Store in dry conditions

Application

Foliar Spray – for direct leaf absorption
 Soil Drench – targets root zone
 Root Dip – enhances seedling and transplant success
 Irrigation System – fertigation compatibility
 Seed Coating – supports early-stage vigour

Compatibility

For details of compatibilities, contact your Soil Biology Ltd representative Soil Biology Ltd, Unit 30 Branbridges Industrial Estate, East Peckham TN12 5HF Tel: 01892 883759 info@soilbiology.uk

For additional technical advice contact: Hillery Murphy 07342 640650