



# SYMBIO SEAWEED 50% ORGANIC MATTER

Boost plant growth and support the soil food web.



## BENEFITS

- Highly concentrated formulation
- Very high organic carbon level
- A rich source of potassium
- Contains the full complement of essential micronutrients
- Acts as a soil conditioner and biostimulant
- A valuable source of essential plant growth hormones

**Symbio Liquid Seaweed is a highly concentrated seaweed extract derived by potassium hydrolysis. This form of extraction results in a formulation with very high organic carbon levels and also supplies a valuable source of potassium.**

Liquid Seaweed is an excellent form of organic fertiliser supplying all the required plant macro and micro nutrients together with the full complement of plant growth hormones and growth stimulant sugars.

Liquid Seaweed supplies valuable humic and fulvic acids to the plant and its growing media and is an effective biostimulant for beneficial soil bacteria and fungi.

**Application guide:** \*For best results consult your Symbio representative

J	F	M	A	M	J	J	A	S	O	N	D

General information	
Appearance	Black / Brown liquid
Odour	Marine
Specific gravity	1.22-1.24
Organic Matter	22.5-26.5% w/w
Inorganic Matter	14.5-18.5% w/w
Total organic Carbon	20% w/w minimum
Solubility	≥ 99.5%
Concentration	≥ 495g/l dry matter
pH	8.5-10.5
Macro nutrients	
Potassium	6.7-8.3% w/w
K2O	8.0-10.0% w/w

**Pack Size:**  
10L

N	P	K	MgO	Fe
0	0	7.2	0	0

pH: 8.5-10.5

SG: 1.22-1.25

**CONTACT US TODAY:**



Symbio, 1-3 Freeman Court, Jarman Way, Orchard Road, Royston, Hertfordshire, SG8 5HW T: 0800 138 7222

E: sales.symbio@originamenity.com www.symbio.co.uk www.originamenity.com

The Symbio brand is part of Origin Amenity Solutions Limited.



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TECHNICAL INFORMATION



The unique feature is the high concentration of active material in the extract. This concentration is achieved through the extraction process. The product is extracted using alkaline hydrolysis at high pressure and temperature. The high pH and high temperature allow for the concentration of bioactive molecules, which are not available in the same amount with a cold pressed extract.

This extraction process produces complex polysaccharides which serve as excellent food sources for soil microorganisms. Two of these polysaccharides, laminaran and fucoidan have also been shown to exhibit a wide range of biological activities within plants such as improved tolerance to environmental stress and induction of natural plant defence against pathogens.

The extraction technique used in Symbio 50% seaweed results in higher concentrations of these bioactive compounds.

## Compatibility

Liquid Seaweed can be mixed with inorganic and organic fertilisers but due to its alkalinity should be pre-tested before adding to the spray tank.

Liquid Seaweed is complemented by the use of Symbio Plant and Soil Tonics, Compost Teas and Mycorrhizal Inoculants.

## Storage

Store in supplied container. Do not subject the product to bright sunlight or extremes of temperature.

## Dosage and Application

### Foliar Feed

Apply as required at 1% (10mls per litre of water) concentration via any suitable spraying equipment.

### Soil Drench:

Apply at 0.5% (5mls per litre of water) concentration via drip line

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