



# LIQUID SEAWEED 50%

Boost plant growth and support the soil food web.

## BENEFITS

- Promotes stress-resistant, healthy plants
- Promotes the growth of fungi in your soil to help encourage fine grass growth
- Increases soil fertility
- Reduces the need for inorganic fertilisers

### Symbio liquid seaweed

is a super concentrated extract of *Ascophyllum nodosum* with approx. 50% active matter harvested from the Atlantic Ocean from renewable resources.

It contains a natural balance of macronutrients and chelated micronutrients (>60 elements), carbohydrates, amino acids, antioxidants and other beneficial organic compounds.

N	P	K	MgO	Fe
0	0	7.2	0	0

**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

10 - 20L / ha

400 - 800L Water

PACK  
SIZE:  
10L

pH: 8.5 - 10.5

SG: 1.22 - 1.25

## CONTACT US TODAY:



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The Symbio brand is part of Origin Amenity Solutions Limited.



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Technical Information

Symbio 50% Seaweed is a 50% w/v growth stimulant manufactured from *Ascophyllum nodosum* (L.) sustainably harvested from renewable resources in the Atlantic Ocean. It contains a natural balance of macronutrients and chelated micronutrients, carbohydrates, amino acids, antioxidants, natural growth stimulants and other beneficial organic compounds.

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.



## How to apply:

### For New Constructions:

Apply just before seeding or turfing at 20L/ha. If the rootzone is low in organic matter tank mix with Symbio Humic Booster and Symbio BioBooster Fish. After germination repeat application at 10 L/ha every 3-4 weeks until established. For best results use with Symbio Mycorrhizal SeedCoat and Compost Tea

### For foliar application

apply at 10 L/ha in 400-800 L of water

### As a soil drench

apply at 20 L/ha in 400-800 L of water

Use as a biostimulant year round

Use as a growth stimulant and plant hardener throughout the cool season from Autumn to spring

Apply monthly except in times of frost

Can be tank mixed with liquid organic fertilisers, compost tea, biostimulants, microbial additives and wetting agents, as required

Always test mixes before adding to spray tank by conducting a bucket test

For best results liaise with your Symbio advisor for advice on the correct biostimulants and nutrition to suit your conditions and get the results you require

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