

# **Factory**





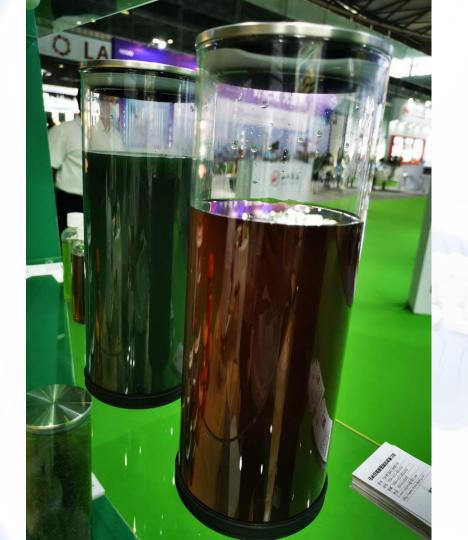














# **Green Liquid Seaweed Extract**

The seaweed extract liquid is rich in brown algae polyphenols, which is a natural phenolic compound extracted from seaweed, and it is a phloroglucinol compound. It features anti-oxidation, anti-bacterial, and anti-resistance, as well as can effectively open up the transportation channel of plant nutrients in the body, improve plant resistance to cold and waterlogging, and improve the overall nutrient transport capacity of plants. Salicylic acid and jasmonic acid and all natural active substances are retained.

- Natural active substances stimulants: In addition to polyphenols and polysaccharides, microelements such as iron, manganese, copper, molybdenum, boron, magnesium and natural substances such as salicylic acid and jasmonic acid are contained too, which can effectively stimulate the production of non-specific active factors in plants and regulate the balance of endogenous hormones
- Seaweed polyphenols have obvious inhibitory effects on a variety of bacteria, fungus, yeasts, and on common pathogenic bacteria like cholera, Staphylococcus aureus, E. coli.
- Improve the activity of antioxidant enzymes in crops and reduce the damage of superoxide free radicals to crops under adversity. Increase the thickness of crop fence tissue and sponge tissue, improve crop resistance to cold, and reduce the photoinhibition damage to leaves caused by low temperature.





# **Specification**

Ingredients	Content	Ingredients	Content
Fe	24.9mg/kg	Р	329mg/kg
Mn	5.7mg/kg	К	329mg/kg
Zn	12.5mg/kg	Polysaccharide	49ppm
Мо	0.20mg/kg	Phlorotannins	100ppm
В	0.32mg/kg	Gibberellin	34ppm
Cu	1.9mg/kg	Auxin	26.98ppm
Mg	225mg/kg	Cytokinin	21.06ppm
N	140mg/kg		

**How to use**: The proportion of liquid water-soluble fertilizer is 5%-20%, solid water-soluble fertilizer spraying is 5-20%.

Package: 1000L/drum, customized



## **Plant Biostimulant (Irrigation)**

Use brown algae polyphenols liquid as raw material, rich in seaweed polyphenols, polysaccharides, mannitol, microelements. It has the functions of antibacterial, antiresistance, anti-oxidation, and improving the nutrient absorption mechanism of crops.

#### Functions:

1. Living soil 2. take root and nourish root 3. promote growth 4.prevent disease

Ingredients	Content
Phlorotannin liquid	400g/L
Humic Acid	37.9g/L
N	69.4g/L
$P_2O_5$	84.4g/L
K <sub>2</sub> O	56.7g/L
Trace elements (Cu+Fe+Zn+B+Mn)	60.6g/L
Ph	4.0-10.0





Package: 10L/drum

Irrigation: dilute 500-1000 times







## **Plant Biostimulant (Foliar)**

Main active ingredients: natural immune peptides, small peptides, seaweed polyphenols, seaweed enzymatic hydrolysate, seaweed polysaccharides, seaweed oligosaccharides, xylo-oligosaccharides, betaine, trehalose, iodine, mannitol and other natural physiologically active substances.

Features: 1. Promote flower bud differentiation, bud germination, branch growth, and increase pollination and fruit setting rate.

2. Preserving flowers and fruits, good for coloring, improving quality, smooth fruit surface, anti-oxidation, and inhibiting germs.

Ingredients	Content
Amino acid	100g/L
Phlorotannin liquid	400g/L
В	10g/L
Fe	1g/L
Zn	8.5g/L
Cu	2.1g/L
Mn	1.9g/L
PH	5-6.5





**Package:** 1. 1L/bottle\*12 bottles/box 2. 250ml/bottle\*40 bottles/box



#### How to use:

Please spray on the foliar surface at a dilution of 1000-1500 times





## Seaweed amino acid water soluble fertilizer

With Ascophyllum nodosum as main material, it is rich in Natural immune peptides, small peptides, seaweed polyphenols, seaweed enzymatic concentration, seaweed polysaccharides, seaweed oligosaccharides, xylo-oligosaccharides, betaine, mannitol, etc.

Features: Deep immunity, deep resistance to adversity, promote flower bud differentiation, bud

germination, branch growth, increase pollination and fruit setting rate, preserve flowers and fruits,

and fruit coloring.

**Foliar spraying**: dilute 1000-1500 times **Irrigation**: dilute 500-

800 times

Package: 1L/bottle



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	Ingredients	Content		
	Amino acid	100g/L		
	Alginic acid	1000ppm		
	Phlorotannin liquid	200g/L		
	В	10g/L		
	Fe	1g/L		
	Zn	8.5g/L		
	Cu	2.1g/L		
	Mn	1.9g/L		
	PH	5-6.5		

## Seaweed extract liquid calcium chelated

This product is seaweed extract liquid chelated with calcium. It contains brown algae polyphenols, seaweed polysaccharides, mannitol, iodine, etc., which can coordinate the ratio of carbon to nitrogen, promote the growth of roots, stems, leaves, flowers, and fruits, and improve stress resistance.

### Features: 1. calcium nutrition supplement.

- 2. Brown algae polyphenols can promote the absorption of potassium, phosphorus and boron and improve the nutritional status.
- 3. Polyphenol chelated calcium can stabilize the cell wall, resist stress and disease, and promote rooting.

Ingredients	Content	
Ca	120g/L	
Phlorotannin liquid	400g/L	
Mg	18.5g/L	
Fe	0.75g/L	
Zn	0.75g/L	
Cu	0.14g/L	
K	4g/L	
PH	6.5-8	
Zn Cu K	0.75g/L 0.14g/L 4g/L	



How to use: dilute 1000-2000

times

Package: 1L/bottle

## Seaweed extract liquid boron chelated

Seaweed extract liquid chelated with trehalitol boron, it is rich in seaweed polyphenols, seaweed polysaccharides, zinc, trace elements.

Features: 1. Boron content is 100g/L.

- 2. easy penetration, double-channel absorption, high utilization rate.
- 3. improves photosynthesis, and promotes flowering, fruit setting, swelling and coloring.
- 4. anti-cracking and anti-shrinkage, early maturity, improving quality

Ingredients	Content
В	100g/L
Phlorotannin liquid	400g/L
Fe	1g/L
Cu	2g/L
PH	8-9.5



How to use: dilute 1000-

2000 times

Package: 1L/bottle

## Seaweed extract powder/flake

- 1. ASCOPHYLLUM NODOSUM as raw material.
- 2. Rich in alginic acid, seaweed polysaccharides, phenolic polymer compounds, mannitol, betaine, plant growth regulators and other nutrients.

#### Features:

- 1. Regulate immunity. 2. Anti-resistance and yield increasing. 3. Improve fruit quality.
- 4. Root improvement

Organic matters	48.9
Alginic acid	18.2
N	2.9
$P_2O_5$	0.5
$K_2O$	18.7
Macroelements ((N+P <sub>2</sub> O <sub>5</sub> +K <sub>2</sub> O))	22.1
РН	7.0-11.0

#### How to use:

Foliar spray: Dilute 1500-3000 times, stir and spray evenly.

Root irrigation or drip irrigation: diluted 800-1500 times



# Package:

- 1. 200g/bag\*50bags/carton
- 2. 500g/bag\*20bags/carton
- 3. 10 kg/paper kraft bag









































