

Liquid seaweed extract

It 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.

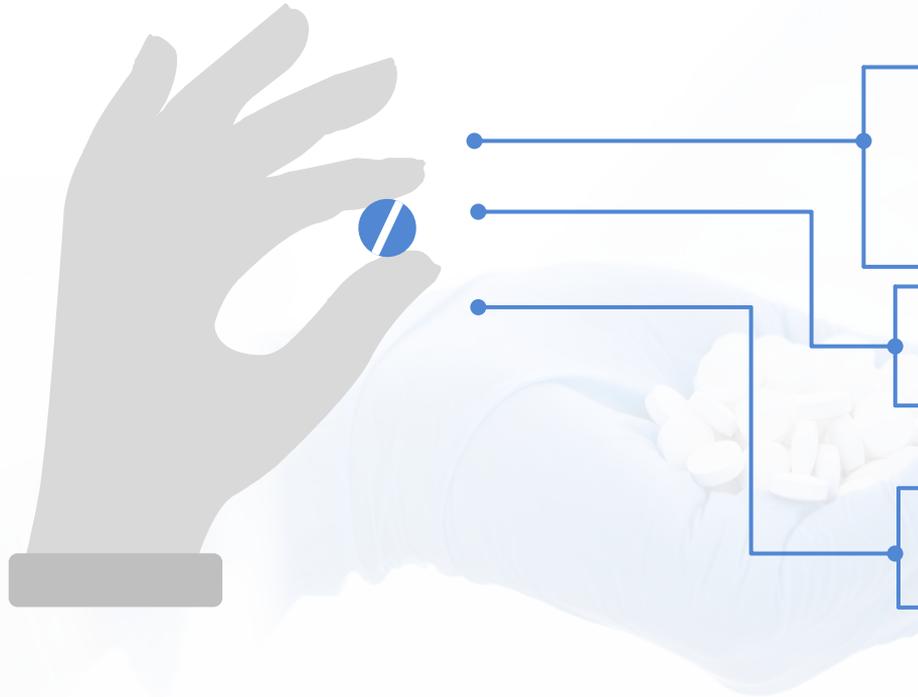


- 01 Natural active substances stimulants: In addition to polyphenols and polysaccharides, microelements such as iron, manganese, copper, molybdenum, boron, magnesium and natural substances such as salicylic acid and jasmonic acid are contained too, which can effectively stimulate the production of non-specific active factors in plants and regulate the balance of endogenous hormones
- 02 Seaweed polyphenols have obvious inhibitory effects on a variety of bacteria, fungus, yeasts, and on common pathogenic bacteria like cholera, Staphylococcus aureus, E. coli.
- 03 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.



Industrialization characteristics

Break the industrialization monopoly of overseas physical extraction of seaweed



Keep algae active throughout:

1. The guarantee of the whole process logistics cold chain
2. The production technology adopts low-temperature physical wall breaking and countercurrent extraction technology, and the production line adopts the world's advanced automated manufacturing equipment.
3. No chemicals involved, keep all active substances

Industrialization:

1. Control and allocation of the cost through different products in the industrial chain
2. Bidirectional drive, large-scale mass production, sufficient production capacity

1. High activity: All kinds of biological stimulating substances in the seaweed are retained.
2. Stability: Through 1000 mesh ultrafiltration, the product has stable quality and is suitable for industrial applications.

Specification

Parameter	Result	Parameter	Result
Fe	24.9mg/kg	P	329mg/kg
Mn	5.7mg/kg	K	329mg/kg
Zn	12.5mg/kg	Total carbohydrate	49ppm
Mo	0.20mg/kg	Polyphenols	100ppm
B	0.32mg/kg	Gibberellin	34ppm
Cu	1.9mg/kg	Heteroauxin	26.98ppm
Mg	225mg/kg	Cytokinin	21.06ppm
N	140mg/kg		

Liquid seaweed extract fertilizer

Add 40% liquid seaweed extract as raw material, it is rich in seaweed polyphenols, polysaccharides, mannitol, microelements. It has the functions of antibacterial, anti-resistance, 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

Specification

Humic Acid	37.9g/L
N	69.4g/L
P ₂ O ₅	84.4g/L
K ₂ O	56.7g/L
Macro elements (N+P ₂ O ₅ +K ₂ O)	210.5g/L
Micro elements (Cu+Fe+Zn+B+Mn)	60.6g/L
Seaweed extract	400g/L
Ph	4.0-10.0



Package: 10L/drum

1. Root zone leaching: Dilute 500-1000 times with water and stir evenly, 5-10 kg per Mu.
2. Field and greenhouse flushing: generally use 5-10 kg per Mu, dilute 500-1000 times with water, slowly mix it with water for irrigation, and use water as appropriate depending on the soil moisture status.
3. Sprinkler irrigation/drip irrigation: can be mixed with other fertilizers and pesticides, 5-10 kg per Mu, diluted 500-1000 times with water



Liquid seaweed extract fertilizer (Foliar fertilizer)

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.

Tech parameter	
Amino acid	100.8g/L
Liquid seaweed extract	400g/L
Micro elements (Cu+Fe+B+Mn)	20.5g/L
Ph	5.0-6.5



- 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 in fine weather, with an interval of 7-15 days, and can be used throughout the growth period. The effect is better if it is used continuously for more than 2 times, and the dosage or frequency of use can be appropriately increased when the plant suffers from bad weather, plant or soil obstacles.

