

Seaweed Extract Green Powder

TECHICAL DATA
SHEET

SEAWEED

The product is derived from *Ascophyllum nodosum* and is water-soluble. It is produced using internationally advanced secondary low-temperature directional bio-enzymatic hydrolysis technology, membrane filtration, and natural anti-corrosion technology to extract seaweed and natural active substances that can be directly absorbed by crops.

These substances encompass small molecule active oligosaccharides ($\leq 2000\text{Da}$), natural free amino acids, phenolic polymers, mannitol, betaine, vitamins, natural minerals, and natural plant growth regulators. They are globally acknowledged as ideal core materials for pollution-free, green, and organic.

The material provides balanced nutrients and can be applied as a foliar application or through irrigation to provide nutritional support for all types of crops, including conventional, organic, and turf. Long-term use is recommended as it is a stable source of nutrients for plants and soil microorganisms. It also helps the soil to store air and water longer.

Physical Properties			
Color	Green	Water Solubility	100%
Form	Powder	Moisture	3%
Odor	Characteristic	PH Value	5~7

TECHICAL DATA SHEET

Chemical Properties			
Seaweed Oligosaccharide	≥45%	Organic Matter	≥40%
NPK	1-2-18	Mannitol	1.50%
Amino Acid	3%	Ca	1.20%
N	1%	Betaine	200ppm
Mg	0.4%	Indoleacetic Acid	200ppm
Micro-elements (Fe,Cu, B,Zn,Mn)	2%	Cytokinin	400ppm
K ₂ O	18.00%	Gibberellin	500ppm

It can be used as foliar fertilizer, flushing fertilizer, organic fertilizer, compound (mixed) fertilizer, elemental fertilizer, biological fertilizer main agent or additive. Direct flushing, foliar spraying, drip irrigation. it can also be used as feed or bait additive for animal husbandry and aquaculture.

Flush fertilization, foliar fertilizer: the main material addition amount is 50-200 kg/ton, and the auxiliary material addition amount is 5-10 kg/ton;

Compound (mixed) fertilizer, elemental fertilizer, biological fertilizer: the addition amount is 5-10 kg/ton;

Foliar spray: 1:2000-3000, 450-600 g/ ha, stir and spray evenly;

Root irrigation, drip irrigation: 1:1000-3000, 6-15 kg/ ha;

Seed dressing: 0.5g/kg seeds;

Seed soaking: 1: 600-800;

Feed additives: The general addition amount is 30-100 kg/ton;

Aquaculture: Use 15-30kg per ha of water surface, about 3-5g/m

PACKAGING

10Kg, 20Kg,25Kg Paper carton/drum

SHELF LIFE: 36 months

STORAGE

Dry, cool, direct sun light proof, moisture proof
warehouse