

# SAOSIS™ SEAWEED

SOLUBLE BROWN SEAWEED EXTRACT DERIVED FROM VEGETABLE SEAWEED



## INTRODUCTION:

Saosis Seaweed Extract Herbal Fertilizer are extracted from the unpolluted **brown Seaweeds** which grows near Iceland & Arctic Circle with advanced modern bio-technology. The product contains sufficient oceanic **bio-active** matters including peculiar **Phycocolloid** and **Mannitol** in oceanic plants, scarce **natural microelements** on land such Zinc, Iron, etc. and natural plant regulating factors such as **Oligose**, Polyphenol, **Trehalase**, **Cytokinin**, **Betaine**, **Lignin**, **Protein**, Free **Amino Acid**, **Terpenoid** etc. The product is optimal natural plant growth nutrition for organic farming.

## MAIN INGREDIENTS:

<b>Alginate Acid</b> ~ 16.27%	Aluminium(Al) ~ 10 - 50 ppm
Mannitol ~ 8.11%	Boron(B) ~ 50 - 200 ppm
Amino acids ~ 1.88%	Cobalt(Co) ~ 1 - 2ppm
Nitrogen (N) ~ 0.5 - 2 %	Iron (Fe) ~ 0.1 - 0.4%
<b>Phosphorus (P2O5)</b> ~ 3 - 5 %	Iodine(I) ~ 500 - 800 ppm
<b>Potassium(K2O)</b> ~ 14 - 16 %	Manganese(Mn) ~ 25 - 40 ppm
Sulphur (S) ~ 1 - 3%	Cytokinins ~ 300 - 400 ppm
Calcium(Ca) ~ 0.15% min	Gibberellins ~ 300 - 400 ppm
Magnesium(Mg) ~ 0.3-0.6%	<b>Zinc(Zn)</b> ~ Max.100mg/ L
Sodium(Na) ~ 1% min	Hydrargyrum(Hg) ~ Max 5 mg/ L



## APPLICATION:

Nursery, kitchen garden, flori culture, golf course, agroforestry, sericulture, sugarcane, coffee, tea, pan, orchards, agriculture, horticulture, lawn.

## EFFICIENCY:

- The natural Phycocolloid and Oligose can promote plants absorbency to mineral nutrition matters, such as Fe, Mn, Ca etc.
- Mannitol can increase chlorophyll content in leaves and promote metabolism of plants, accelerate accumulation of organic matter in plant body. As a result, it can improve crop quality, decrease the residue of harmful matters in the crops.
- The small molecule peptide and free amino acid in the products can easily be absorbed by plants, accelerate plant growth together with Oligose, promote flowering and fruiting, increase ratio of fruit and ripe early.
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- Oligose not only can induce the form of plant growth regulating factors but also can improve soil quality and increase fertility of the soil. The natural plant growth regulating factors can promote the cell division and growth, accelerate plant and increase crop yield normally by 15-30%
- Chitinase and Trehalase is a kind of natural plant health protection factor, which can destroy the cell wall of fungi and kill it.
- Lignin has effect of resistance to fungi and drive away pests.
- Phycocolloid can enhance biological activity of plant, and induce plant to bring immune matters to increase immune ability when plants are harmed with drought, cold, pest and disease and increase resistance to drought, cold pest and disease.

**DOSE:** 2ml / Litre



[www.saosis.com](http://www.saosis.com)

Manufactured by:  
**SAOSIS BIOTECH PVT. LTD.**  
**ISO 9001:2008**



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