



**PRODUCT INFO  
& DATASHEET**

# SICO-SEAPOWDER

*Seaweed extract soluble granular  
Made in China*

10/2020

## 1/ PRODUCT DESCRIPTION

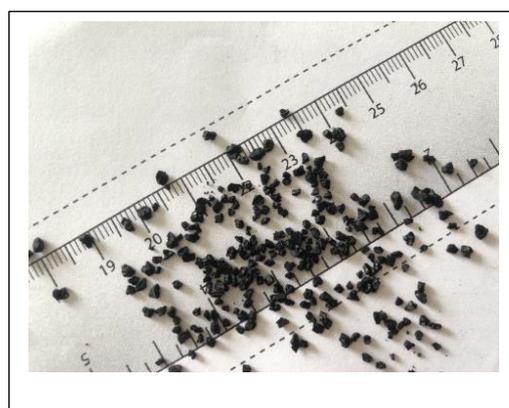
This product adopts imported wild ascophyllum nodosum as raw material and is produced through a series of seaweed extract patented technologies developed and researched by Marine Research Institute of the Chinese Academy of Sciences (active substances State Key Laboratory), going into a specific high activity compound strain, then through high temperature aerobic, medium temperature oxygen, low temperature anaerobic, total three periodical fermentations and mechanical granulation, finally dried by sunlight. SICO-SEAPOWDER has many features, such as totally decomposed high contents of medium trace elements, hard particles, large volume, low water content, slow-release, controlled release. Safe and efficient. This product is certificated by CERES and OMRI organic certification organizations. This product is applied in all areas of modern agriculture, ornamental horticultural plants and in production of organic agricultural products.

## 2/ PRODUCT FUNCTIONS & BENEFITS

1. Improves soil: swelling and water absorption, loosens soil, breaks the soil compaction, prevents soil degradation (such as acidification, salinization).
2. Environmental friendly: regulating soil micro ecology, decreases pesticide residues, passivates heavy metals.
3. Reduces diseases: controls the growth of soil borne pathogens, reduces the underground pests.
4. Comprehensive nutrition: Rich in medium trace elements.
5. Promotes well-developed root system, prevents excessive growth, induces plant to produce phytoalexin, increases the ability of crop resistance.
6. Increases yield: promotes flower bud differentiation, increases fruit setting rate, promotes the expansion, improves fruit weight, early maturity.
7. Improves quality: improves fruit color, surface light, hardness, improves the content of solid matters and storage stability.

## 3/ PRODUCT SPECIFICATIONS

Ingredients	Content
Alginic acid	≥25.0%
Organic matter	≥55.0%
Odour	Seaweed taste
N	1.0-2.0%
P2O5	1.0-2.0%
K2O	≥13%
Micro-elements	≥0.2%
Moisture	≤5%
PH	8.0-10.0
SOLUBILITY IN WATER	100%
Appearance	Granular (0.5-1mm) (can also be supplied as powder)



Any information in this publication is believed to be accurate and is given in good faith, but is for the customer to satisfy himself of the suitability for his own particular purpose. No representation, warranty or guarantee is made to its accuracy, reliability or completeness.

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**SICO FERTILISERS**  
 EVERY TIME THE *right* SOLUTION



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#### **4/ APPLICATION METHODS**

1/ According to the modes of fertilization and use of crop classification experiences.

Application methods	Crop types	Fertilization period	Dosage	Interval
<b>Basal application</b>	Fruit trees	Before planting/after harvesting	3-5 kg/individual plant	One year
	Field crops	Before planting	600-1800 kg/ha	One crop season
	Land vegetables	Before planting	2400-3600 kg/ha	One crop season
	Vegetables under structure	Before planting	4800-7200 kg/ha	One crop season
<b>Dressing</b>	Fruit trees	After flowering/fruit enlarging/mature period	1-3 kg/individual plant	No strict limits
	Field crops	After flowering	120-150 kg/ha	No strict limits
	Land vegetables	Rosette stage/after fruiting	600-900 kg/ha	No strict limits
	Vegetables under structure	Rosette stage/after fruiting	1200-1800 kg/ha	No strict limits
<b>Hole application</b>	Field crops	Planting	5-20 g/hole	One crop season
	Vegetables	Planting	10-30 g/hole	One crop season
<b>As base material</b>	Seaweed organic fertilizer: Other base material=1:10, mixing well (after crushing will be better)			

2/ Using remarks as organic fertilizer.

1. SICO-SEAPOWER is different from conventional organic fertilizer, can be mixed with seeds directly, without burning roots and seedlings and can be added into feed for livestock, improve quality.
2. SICO-SEAPOWER cannot replace conventional commercial organic fertilizer (see our SICORGAN organic NPK's) and farm manure, the using amount of this product is 1/10 of the amount of farm manure.
3. SICO-SEAPOWER is slow-release, particles in the soil can be stored for a long time, effect will appear after 30 days, obvious effect will appear during the first year, effect will full play during the second year, also will continue up to the third year.
4. SICO-SEAPOWER cannot replace the use of chemical fertilizer and/or foliar fertilizer.

#### **5/ PACKING**

in 25 kg pp + pe bags, 20 pallets of 1000 kg = 20 MT/20' container.

Video of dissolution is available.