

SICO IRISH "SUPERIOR GOLD SEAWEED SPRAY"

Dissolvable powder for foliar and fertigation applications

Ascophyllum nodosum extract

- Made in Ireland -

updated 10/2024

1/ INTRODUCTION & PRODUCT DESCRIPTION

SICO IRISH "SUPERIOR GOLD SEAWEED SPRAY" dissolvable powder is a spray-dried, microgranular powder-based plant strengthener, manufactured from *Ascophyllum nodosum* seaweed, harvested from the Atlantic Ocean off the west coast of Ireland. It contains a natural balance of macronutrients, micronutrients, carbohydrates, amino acids, antioxidants and other beneficial organic compounds.

2/ GOLDEN ADVANTAGES

• Superior spray dried powder

Can induce growth-promoting activity in plants comparable to the activity induced by synthetic plant growth hormones. Biostimulant powder specialised for:

- Side bar applications
- Fertigation
- Direct soil applications
- Application along with NPK

• Proven efficacy

- Seedling establishment/early germination
- Root proliferation & improved root length
- Shoot growth & improved shoot formation
- Yield increase

• Advantages

- Full traceability from raw material to finished product
- Drying method: spray-dried (drying temperature lower than other methods)
- Micro-granular conglomerate (avoiding problems associated with dust)
- Great mixing properties for formulation and consistency
- Ability to blend with granular fertilisers

CERTIFICATE OF ANALYSIS & TECHNICAL DATASHEET

GENERAL FEATURES

Appearance	:	black microgranular powder
Odour	:	marine
Density	:	0.55 to 0.85 g/ml
Solubility	:	≥ 99.5 % soluble in a 10% solution at 20° C
Dry matter	:	94 – 96 % w/w

AVERAGE CHEMICAL & PHYSICAL ANALYSIS

Solubility	:	99.5	%	w/w
Dry matter	:	95.0	%	w/w
Potassium oxide	:	18	%	w/w
Total nitrogen	:	1	%	w/w
Total carbon	:	23	%	w/w
Organic matter	:	50	%	w/w
Alginic acid	:	18	%	w/w
Mannitol	:	> 3	%	w/w
pH sol 10%	:	8.0-10.0		w/w

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SAP INTERNATIONAL CORPORATION bv Krekelenberg 83, B-2980 Zoersel, Belgium
Tel. +32-3-309.06.51 Email : info@sico.be Website : www.sico.be

Copper (Cu)	:	< 2.5	mg/kg
Zinc (Zn)	:	< 60.0	mg/kg

HEAVY METALS		GUARANTEED Analysis (limit)	
Cadmium (Cd)	:	< 1.5	mg/kg
Chromium (Cr)	:	< 2.5	mg/kg
Inorganic Arsenic (iAs)	:	< 5.0	mg/kg
Lead (Pb)	:	< 5.0	mg/kg
Mercury (Hg)	:	< 0.4	mg/kg
Nickel (Ni)	:	< 2.5	mg/kg
Tin (Sn)	:	< 1.4	mg/kg

SICO IRISH "SUPERIOR GOLD SEAWEED SPRAY" is based on a natural product. Its properties may vary between batches and seasons.

It is OMRI listed and suitable for organic farming in compliance with Council Regulation (EC) 834/2007.

3/ APPLICATIONS & USAGE : used in foliar and fertigation applications

1. 1 kilo to 10 kilo of powder per 1000 litres of water over 1 hectar. (for manufacturers looking to make formulations products with NPK that they add like advert in dubai.)
2. Minimum of 1 kilo to 1.5 kilo per 1000 litres of water for foliar feed/ root drench.

4/ STORAGE & SHELF LIFE

Store in original containers in a dry environment. Ensure packaging is sealed properly after use.

Keep away from direct sunlight and UV light.

Shelf life: 3 years if stored properly.

5/ PACKING

20 kg box (min. order 1080 kg/pallet, 54 boxes/pallet, pallet gross weight = 1160 kg, dimensions 1140x1140x1890mm)

Re: Our superior manufacturing process by heat compared to inferior cold process system of other seaweed suppliers.

1. Our liquid seaweeds we sell are made by appying heat to it and also our spray dry powder as there is no other way to break down the cellular structure of the seaweed.
2. The Cold press system we do not use it, it is made by squeezing the seaweed, no heat or chemicals are applied but it is inferior because the extract process does not capture the dry matter from the seaweed, thus it does not extract all the bioactive compounds and the trace elements also to when you apply the cold press products to grass or crops it requires 10 times as much product: basically cold press is a very diluted seaweed extract with very low levels of trace elements and bio actives: it is literally garbage.

Basically companies that make this and sell this cold press product are merely selling water !

Our SICO IRISH GOLD SEAWEEDS will give you much more economic results so do not compare prices with cold press products, calculate your field gains with our heat processed products.

