

# **SICO IRISH “SUPERIOR GOLD SEAWEED SPRAY”**

*Dissolvable powder for foliar and fertigation applications*

*Ascophyllum nodosum extract*

*- Made in Ireland -*

10/2020

## **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.

Bio stimulant 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

### **CHEMICAL ANALYSIS GUARANTEED Analysis (min. – max.)**

pH	:	8.5 – 10.5
Organic matter	:	47.0 – 57.0 % w/w
Inorganic matter	:	38.0 – 48.0 % w/w
Total organic carbon	:	23.0 % w/w

### **MACRONUTRIENTS GUARANTEED Analysis (min.)**

Potassium (K)	:	15.8 % w/w
Water soluble potassium oxide (K <sub>2</sub> O):	:	19.0 % w/w

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<b>HEAVY METALS</b>	<b>GUARANTEED Analysis (limit)</b>	
Cadmium (Cd)	: < 1.5	mg/kg
Chromium (Cr)	: < 2.5	mg/kg
Copper (Cu)	: < 2.5	mg/kg
Arsenic (iAs)	: < 40.0	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
Zinc (Zn)	: < 60.0	mg/kg

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

### **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: min. 2 years if stored properly.

### **5/ PACKING**

20 kg box (min. order 1,080 kg per pallet, 54 boxes per pallet)

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 SEAWEEEDS 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.

