

SICO IRISH “SUPERIOR 20 GOLD” CONCENTRATE

*Ascophyllum nodosum with added NPK 10.2.5 and Micros.
Liquid seaweed specially for golf courses, pitches and amenities etc.
- Made in Ireland -*

updated 07/2023

1/ INTRODUCTION & PRODUCT DESCRIPTION

SICO IRISH “SUPERIOR 20 GOLD” CONCENTRATE enjoys all the benefits of *Ascophyllum nodosum* seaweed extract, plus added NPK 10.2.5 and micronutrients. It is a specifically designed formulation of nitrogen, phosphorus and potassium with added trace elements. This is formulated as a complete solution to respond to plants’ needs. This product is specifically designed for Golf courses, Pitches, and amenities etc.

SICO IRISH “SUPERIOR 20 GOLD” CONCENTRATE is a liquid seaweed that consists of 20% pure seaweed (*Ascophyllum nodosum*). This makes it a unique product as it contains 60 trace mineral elements.

This liquid seaweed is a real natural biological fertiliser with no artificial additives or harmful products. Liquid seaweed helps to promote and stimulate the microorganism within the soil thus promoting good root structure.

2/ GOLDEN ADVANTAGES

Crop Performance and yield

- **Marketable grade**
- **Root growth**
- **Soil bacteria counts**

3/ KEY FEATURES OF SICO IRISH “SUPERIOR 20 GOLD” CONCENTRATE

- Extracted from *Ascophyllum nodosum* seaweed.
- Harvested off the unpolluted west coast of Ireland.
- Broad application range Golf courses, Pitches and amenities.
- Added nitrogen, phosphorous and potassium NPK 10.2.5
- Added boron, manganese, zinc and iron.

4/ APPLICATIONS : Foliar spray and fertilisation applications.

- Volume of 3-5 ltr per 500 ltr of water per hectare.
- General application timings: every 2 weeks of growing season.

* Application table for green keepers

Turfs	Rate	Frequency
Golf greens	0.5 – 1 ltr diluted in 500 ltr of water over 1 hectare.	Every 14 days
Fairways	3 – 5 ltr diluted in 500 ltr of water over 1 hectare.	Every 14 days
Sport turfs	3 – 5 ltr diluted in 500 ltr of water over 1 hectare.	Every 14 days

* Application

Shake well before you pour in the amount of SICO IRISH “SUPERIOR 20 GOLD” CONCENTRATE into the spraying tank. Fill the spraying tank with half the amount of water then pour in the SICO IRISH “SUPERIOR 20 GOLD” CONCENTRATE, then begin agitation and slowly add the required amount of product.

* Note

If you are applying to a sports pitch or a golf course, which is suffering from drought this will be ideal and bi-weekly usage is suggested to obtain best results.

Please note due to the high concentration of nitrogen in the product do not use more than suggested application rates.

5/ ENVIRONMENTAL IMPACT & COMPATIBILITY

- Readily biodegradable, no residue.
- Low application rate.
- SICO IRISH “SUPERIOR 20 GOLD” CONCENTRATE is compatible with most insecticides, fungicides and fertilisers.

6/ STORAGE & SHELF LIFE

Store in original containers in a cool frost free place >5 °C and 40 °C
 Keep away from direct sunlight and UV light.
 Shelf life: min. 2 years if stored properly.

7/ PACKING

- 10 lt cans x 96 per pallet (960 ltr) x 10 = 9,600 ltr/20ft container.
- 1000 lt IBC x 18 = 18,000 ltr/20ft container

8/ DISCLAIMER

This is a concentrate liquid product. Do not apply directly to plant without dilution. Seller guarantee shall be limited to the terms set out on the label and subject thereto. Results may vary. The buyer assumes the risk to persons arising from the use or handling of this product on that condition.

CERTIFICATE OF ANALYSIS & TECHNICAL DATASHEET

<u>Product name</u>	:	Sico Irish Gold Liquid Seaweed Superior 20 Fresh Alkaline extraction
<u>Description</u>	:	20% w/v Ascophyllum nodosum extract liquid
<u>Aspect</u>	:	black liquid
<u>Shelf-life</u>	:	3 years from the manufacturing date
<u>Storage temperature</u>	:	above 4°C and below 40°C
<u>Packaging</u>	:	1L, 5L, 10L, 20L, 210L, 1000L, 1040L

CHEMICAL-PHYSICAL CHARACTERISTICS

Parameters	Measure unit	Value
Solubility	:	99.5 %
Dry matter	:	% w/v 20
Potassium (K)	:	% w/w 3.0
Potassium Oxide (K ₂ O)	:	% w/w 3.6
Total nitrogen	:	% w/w 0.5
Amino acids	:	% w/w 1.7
Organic Matter	:	% DM 27.6
Alginic acid	:	% DM 1.06
Mannitol	:	% DM 0.11
Laminarin	:	% DM 3.5
Phenolics	:	% DM 6.2
pH	:	10.0-11.0

HEAVY METALS ANALYSIS (limit)

Parameters	Value
Iodine (I)	: 26.6 mg/kg
Iron (Fe)	: 21.0 mg/kg
Copper (Cu)	: < 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
Zinc (Zn)	: < 23.4 mg/kg

IGLSS20 is a natural product. Its properties may vary between batches and seasons.