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SEAMEGRO NUTRITION



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▶ ENHANCES ROOT
DEVELOPMENT

▶ IMPROVES NUTRIENT
ABSORPTION

▶ REDUCES PLANT
STRESS



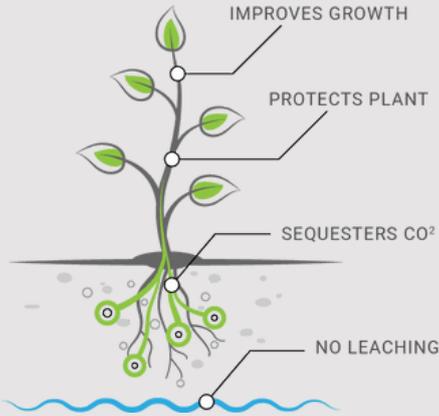
SEAMEGRO NUTRITION is a natural plant supplement produced from freshly hand harvested seaweed (*Ascophyllum nodosum*) on the west coast of Ireland.

This seaweed is processed using a cold pressed technology to produce a concentrated liquid which releases the bioactive compounds vitamins and minerals present in seaweed to promote plant health and growth.





WHY CHOOSE SEAMEGRO NUTRITION?



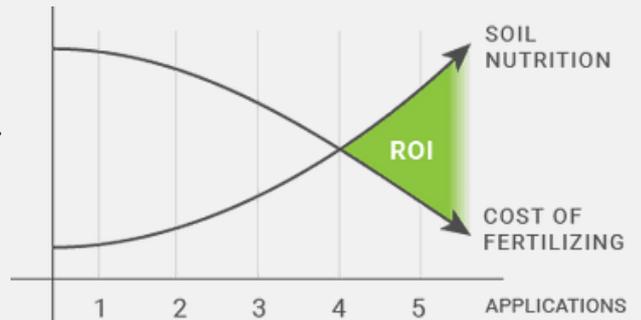
NATURAL BENEFITS

SeaMeGro system formulations activate and increase broad spectrum defense of crops types. When applied to soil or foliage, the natural benefits include longer lasting protection, increased bio-mass with no direct toxicity or negative effect on plant growth.

University Research shows how the application of *Ascophyllum nodosum* promotes enhancement of plant growth due to the presence of elicitors of genes.

ECONOMIC BENEFITS

The market demand for chemical free produce continues to increase. SeaMeGro increases soil nutrition, reducing the need for chemical fertilizers. Overtime the number of applications of bio-fertilizer is reduced while increased yields are maintained. The result is lower overall operational costs.



GO CHEMICAL FREE

SeaMeGro products are a natural alternative to synthetic nitrogen fertilizers. Using our proprietary bio-technology we combine our own harvested seaweed with bioactive compounds, vitamins and minerals to formulate alternative solutions to chemical fertilizers.



Growth

Boost plant productivity, yields, biomass, germination and shelf life



Protection

Broad spectrum defense from pathogens abiotic and biotic stresses



Micronutrients

Support the soil microbiome and micronutrient replenishment



Pesticides

Replace chemical pesticide use and costly environmental impact.



Carbon

Support carbon sequestration and reduce soil CO2 emissions



SEAWEED BIOFERTILIZERS

Biofertilizers overcome common disease challenges while promoting soil nutrition, nutrient absorption, yield quality and profitability without the need for chemical fertilizers - safeguarding our food and environment. Our products are made from *Ascophyllum nodosum* seaweed extracts.

THE PROCESS

The benefits of seaweed for plant growth, protection and soil quality are known for hundreds of years. *Ascophyllum nodosum* seaweed are utilized in the SeaMeGro range have been extensively analyzed in leading research centers globally.

Traditional “black liquor” seaweed extracts and production processes involve high energy demand for seaweed drying, high temperatures and pressures, harsh chemical extraction and evaporation processes.

By comparison our proprietary cold process technology retains more bioactive compounds and micro-nutrients naturally present in seaweed.



ABOUT SEAMEGRO

We are a company of seaweed farmers and scientists with deep passion to improve agriculture practices through alternative solutions for farmers that boost plant and crop productivity, improve soil quality and deliver climate mitigation benefits.

We have developed a range of alternative natural biostimulant products using sustainably hand-harvested seaweed from the Atlantic Ocean on the west coast of Ireland.

SEAMEGRO NUTRITION AND YOUR CROPS

TRIPLE BOTTOM LINE

- Fewer Applications Required
- Lower Cost per hectares
- Reduces Chemical Fertilizers
- Promotes photosynthesis



SAFER SEEDS, SOIL & PLANTS

- No Added Chemicals
- No Odour
- No Leaching
- Non toxic to animals, plants, humans & water systems

DIRECTIONS FOR USE

- Dilute 1:200 in water
- Spray at a rate of 600L/hectares.
- 3-4 application per season, spaced in 2 weeks
- Start at the first leaves apparition
- Suitable for foliar spray
- Avoid foliage after fruit set stage: use soil drench



DIRECT RESULTS

- Increase yields's quality and quantity (Brix level, phenolic level etc.)
- Increase profits
- Enhancing of the microbial soil activity
- Increase plant tolerance to abiotic and biotic stresses
- The plants' system of defense is developed long term
- Enhance root development and nutrient uptake



OUR RESEARCH PARTNERS

