

cystium-k

Macrocystis pyrifera seaweed extract

Biostimulant

Crop stress treatment



Low nutrient fertilizer(N-K)

Marine biotechnology for agriculture

We transform seaweed to regenerate and boost the soil
optimizing agricultural production



R & D

We research and develop innovative technologies, with active ingredients from the sea that benefit agriculture



Profitability

We increase crop profitability in a sustainable and environmentally friendly way



Crops

Our technology is valid for ecological and conventional crops



ficosterra

Marine Biotechnology for Agriculture
www.ficosterra.com

cystium-k

DATA SHEET



characteristics

Cystium-k® is a liquid biostimulant made from *Macrocystis pyrifera* seaweed, with high polysaccharides content.

Its main functions are:

- Contribution of alginates and polysaccharides
- Fertilization support



composition

- Water 96%
- Nitrogen 0,1% p/p
- Phosphorus 0,00 p/p
- Potassium (K20) 1,6% p/p
- Polysaccharides/ sugars 1,6% fm (Algin ic, Fuco se, Galacto sa, Manuròn ic, Mannito)

conductivity <2.8dS/m
pH : 4,5 - 5
density :1kg/1L



benefits

- ✓ Prompts the natural defenses of the crop into action
- ✓ Improves crop yields
- ✓ Increases cell multiplication and differentiation in the early stages of growth
- ✓ Promotes the development of axillary branching, foliar mass and photosynthetic capacity
- ✓ Increases root hairiness



methods of application

- **Foliar:** apply in vegetative growth periods by sprayig
- **Irrigation:** introduce in fertigation systems
- **Shake before using**



dose

- **Foliar / soil** (dose and application) per crop cycle
- **Extensive crops** 1-2lts/ hectare/application 1-3 applications
- **Intensive crops** (short cycle) 2-3lts/hectare/application 3-4 applications
- **Intensive crops** (large cycle) 2-3lts/hectare/application 8-10 applications

* For specific questions about the application, consult our technical department: ensayos@ficosterra.es

Expiration: 2 years from the date of packaging. Once opened, keep in a dark and cool place at temperatures below 22°C and consume within a maximum of 9 months.

presentation

Liquid product, presented in 20 lt, 5 lt, 1 lt

storage

Store in a cool, dry place | Avoid direct exposure to the sun | Harmful if ingested | Avoid contact with the eyes | S2 keep out of reach of children | S13 keep away from food, drinks, and animal feed



The product can be used in organic farming in accordance with Council Regulation (EC) number 834/2007 of June 28, 2007, on the production and labeling of organic products. No CL300PAE-02

Product suitable for Biodynamic Agriculture (DEMETER / 2020 registration)
Registration ref: Registered in Ireland as Low Nutrient Fertilizer of SI 248/1978. FERT / 2020/005
Marketed by mutual recognition



Produced and Marketed by:

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