

cystium-k

Macrocystis pyrifera seaweed extract

Biostimulant

Crop stress treatment

100%
ORGANIC

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® It is a liquid biostimulant made from the alga *Macrocystis pyrifera*. It is recommended as an anti-stress treatment for crops. It provides a high content of alginates and serves as excellent nutritional support for fertilization

Its main functions are:

- Contribution of alginates and polysaccharides
- Fertilization support



composition

| | | | |
|---|----------|----------------|-----------|
| • Water | 96% | • Conductivity | <2,8dS/m |
| • Nitrogen | 0,1% p/p | • pH | 4,5 - 5,0 |
| • Phosphorus | 0,00 p/p | • Density | 1 kg/l |
| • Potassium (K20) | 1,3% p/p | • Color | Brown |
| • Polysaccharides/sugars | 1,6% fm | • Solubility | Soluble |
| (Alginic, Fucose, Galactose, Manuronic, Mannitol) | | | |



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, use within a maximum of 9 months.

presentation

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

precautionary treatments

P102 Keep out of reach of children | P235+P420 Keep cool. Protect from sunlight | P262 Do not get in eyes, on skin, or on clothing | P270: Do not eat, drink or smoke when using this product | P402 Store in a dry place | P410 Protect from sunlight | P411 Store at temperatures not exceeding 22°C

Product suitable for use in Organic Farming in accordance with Regulation (EU) 2018/848 of the European Parliament and of the Council of 30 May 2018 on organic production and labeling of organic products, including subsequent amendments and extensions. No. CL300PAE-10

Product suitable for Biodynamic Agriculture (DEMETER / 2020 registration)
Registration Ref.:
Registered in Ireland as a Low Nutrient Fertiliser under SI 248/1978.
FERT/2024/009
Marketed under mutual recognition



Produced and Marketed by:

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