

# cystium-d

Soluble fertilizer

Rich in potassium

## Marine biotechnology for agriculture

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



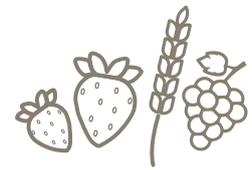
### R & D

We investigate and develop innovative technologies with active principles 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](http://www.ficosterra.com)

# cystium-d

## DATA SHEET



### characteristics

**Cystium-d** is a 100% soluble fertilizer made from the alga *Macrocystis pyrifera*.

**Cystium-d** has a high Potassium content, easily absorbed by crops, and provides excellent results during the flowering and fruiting stages

**Cystium-d** is rich in naturally-derived polysaccharides and alginates that help protect crops.



### composition

- ✓ Powder extract from *Macrocystis pyrifera* seaweed
- Nitrogen (N): 0,91%
- Potassium (K): 17,85% (21,5% K<sub>2</sub>O)
- Magnesium (Mg): 0,58% (0,35%MgO)
- Iron (Fe): 2790 mg/kg
- Chloride free (Chloridfrei)
- Conductivity<2.5dS/m
- pH: 5,5
- Solubility: Soluble
- Density: 1kg/l
- Colour: Light brown



### benefits

- ✓ Provides potassium from seaweed.
- ✓ Provides alginates that protect crops in stressful situations.
- ✓ Contains polysaccharides derived from fucoidan, which promote the crop's natural defenses against pathogens.
- ✓ Contributes to the assimilation of nutrients.
- ✓ Improves crop yields.



### methods of application

- Product is applied dissolve in dripping water.
- Do not apply with other phytosanitarios.



### dose

- Intensive orchard: 500grs/hectare/1 application/month
- Berries: 300grs/hectare/1 application/month
- Olive tree: 250grs/hectare/2 applications/year
- Grains: 250grs/hectare/ 1 application/year

\* For specific applications contact our technical department at [ensayos@ficosterra.com](mailto:ensayos@ficosterra.com)

**Expiration:** 2 years from the date of manufacture. Once opened consume within a maximum of 3 months

### appearance

Solid product  
Packaged in containers of 250g

### 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 usable 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, subsequent amendments and extensions. N° CL300PAE-10

Registered in Ireland as Low Nutrient Fertiliser of SI 248/1978. FERT/2024/009  
Trade by mutual recognition

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