

ERGOFERT CITO BIO

YEAST FLUID EXTRACT CONTAINING BROWN ALGAE - BIOACTIVATOR CONTAINING NATURAL CYTOKININS EXTRACTED FROM BROWN ALGAE

HOW IT WORKS

- **Increases fruit size by accelerating cell multiplication;**
- **Improves resistance to any type of stress by water, climatic conditions, etc.**

The microbiological ensemble, consisting of rhizosphere bacteria (*Pseudomonas* spp., *Bacillus* spp., Actinomycetes), Saprophytic fungi (*Trichoderma* spp.), humic acids, fulvic acids, enzymes, brings the following benefits:

- Improves the translocation and assimilation of nutrients in all plant organs;
- Produces phytostimulating substances and strengthens the immune system of plants, making them more resistant to all plant diseases;
- Increases the transformation of organic residues present in the soil into humus;
- Increases the soil capacity to contrast the pathogenic microorganisms.

ERGOFERT CITO BIO is a fluid organic fertilizer with a remarkable and durable action of biostimulation, derived from its components of natural origin (concentrated extract of *Ascophyllum nodosum*). In fact, the presence in the product of a very high ratio between cytokinins and auxins, for a high quantity of cytokinins and a very small quantity of auxins, causes these natural hormones to have a very pronounced effect on growth of plant cells.

ERGOFERT CITO BIO allows to obtain immediate and tangible results, while also supplying agronomically useful microorganisms and enzymes. These microorganisms produce further hormone-like substances in a balanced way; bio-elaborate root and leaf exudates and the organic matter present in the soil, lead to the natural formation of additional amounts of cytokinins.

ERGOFERT CITO BIO also contrasts apical dominance and delays plant senescence, thus allowing all types of crops to reach extraordinary production levels either qualitative and quantitative, finally avoiding stress and nutritional imbalances. These results are obtained without biochemical alterations.

COMPOSITION

Organic Nitrogen (N) 1%, Total organic Carbon (C) of biological origin 13%, pH = 6.5, organic matter with nominal molecular weight <50 kDa minimum 30%, seaweed extract 50%, cytokinins 400 ppm, sugars 5%, rizosphere bacteria (*Pseudomonas* spp., *Bacillus* spp. Actinomycetes), Saprophytic fungi (*Trichoderma* spp.).

WARNING

The slightly subacid pH of Ergofert CITO BIO allows it to be used in combination with all pesticides, foliar and root fertilizers and other nutrients based on Iron (Fe) and microelements.

Bunch of table grapes obtained with B.E.A.'s technology



Authorized in Organic Agriculture as according to Commission Regulation (EC)
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1 L flagon
5 L tank



CROPS	DOSAGE / HA	TIMING
Citrus fruits	300-350 ml/100 L water by foliar application. 450-500 ml/100 L water as foliar or fertigation 1-1,2 L/100 L water by foliar or in fertigation	At the vegetative restart. At the beginning of flowering. After fruit set
Pome fruit: pear, apple tree	1-1,2 L/100 water by foliar application	Before opening the flowers for better fruit set
Stone fruits: peach, plum, apricot, cherry, etc.	1-1,2 L/100 water by foliar application	Before flowers opening to anticipate flowering and improve fruit set
Grape and kiwi fruit	1,5-2 L/100 L water to wet the stem and branches 1,5-2 L/100 L water by foliar spray and repeat 15 days before veraison	Early application for bud opening and favor the release of shoots. When berries are at pepper half bean size to obtain larger berries
Strawberry	1-1,2 L/100 L water and 1-1,5 L/100 L by foliar / root every 20 days during the whole duration of the harvest period	20-30 days before flowering to anticipate it. After fruit set, to anticipate harvest and grant larger fruits
Artichoke	500-600 ml/100 L water and repeat the treatment every 15-20 days up to 35-30 days before cropping end	At the formation of the first flower heads to anticipate the harvest and to increase the size of the artichokes
Tomato	800-1000 ml/100 L water by root / foliar	When the flowers are opened, apply first treatment over all the vegetation. Subsequent treatments are after first fruit formation up to 25-30 days before cropping end
Potato	50-60 ml / 100 L water by dipping the tubers for a few seconds	While sowing
Zucchini	500-600 ml / 100 L water by foliar application	When the first courgettes are forming. Repeat the treatment at intervals of 10-15 days after the first picking. To anticipate the first harvest, increase the frequency of cuts to obtain a more uniform size
Spinach	500-600 ml/100 L water. Carry out two or more treatments 15-20 days apart	for an advanced development and to increase leaf size during the phenological phase
Flower and Ornamentals	1,5-2 L/100 L water. Three or more treatments spaced 10-20 days apart are recommended	To increase flowering and for the formation of larger flowers. Start at early stages of vegetative activity
New plantations: (fruit trees, grape, vegetables, flowers)	1 L/100 L water. Soak the roots in the solution for at least 20 minutes	
Cuttings	1 L / 100 L water. Dip the cut segment in the solution for at least 60 minutes	

Eggplant obtained with ERGOFERT CITO BIO

