



STIMCROP®

Natural biological growth promoter algae extract

CHARACTERISTICS

STIMCROP is an organic micro scale fertilizer made of a balanced mixture of algae that promotes vegetative development and creates a revitalizing action. Stimcrop is particularly suitable for soil and foliar application.

EFFICACY

- ✓ *Good stimulant action*
- ✓ *Good vehicular action*
- ✓ *Good stress resistance from both nutrient deficiency and disease*

STIMCROP is an organic micro scale fertilizer, made from the extract of *Ascophyllum nodosum* algae, harvested in the North Sea.

This product has 2 functions: 1) to feed and 2) to stimulate the crop. STIMCROP is rich in potassium with a high calcium, magnesium and microelement content, so the nutrients supply helpful benefits.

STIMCROP is most important for crops as a bio-stimulant. This bio-stimulant effect comes from the action of the algae's organic molecular content.

The amino acids, the carbohydrates and the mannitol that are contained in the algae, are good natural chelating agents. This composition provides an important vehicular action, and permits a rapid absorption of nutrients into the plant.

The carbohydrates promote the growth regulating substances and molecules that provide protection from fungi and bacterial attack. The hormone (cytokiten) helps develop a resistance against stress situations, nutrient deficiency and disease.

The high solubility of STIMCROP gives good results in foliar and fertigation applications.

RESULTS

The application of STIMCROP provides natural development of the crop and improves the quantity and quality of the harvest.

COMPOSITION

	% w/w
Potassium oxide (K ₂ O) soluble water	19.0
Organic Nitrogen (N)	1.0
Betaine	0.1
Mannitol	4.0
Organic carbon (C)	27.0

SPECIFICATION

Solubility 450 g/l

pH (sol. 1%) 9.2

STATE

Micro scale

APPLICATION

Foliar and soil

DOSES, WAY, TIME OF APPLICATION

Crops	Application rate	N° and time of applications
Fruit trees	Foliar: 30-80 g/hl Fertigation: 0,5-1,5 kg/ha	Application repeated at 7-14 day intervals during the first vegetative phases
Vegetables		Application repeated at 7-14 day intervals post transplanting
Vegetables under glass		
Flowers and Ornamental		

PACKAGING

0.8 kg can

(carton 8 x 0.8)

NOTES

It is possible to use STIMCROP with the normal foliar and soil applied fertilizers; moreover, it can be mixed with the usual plant protection products.

WARNING

It is very important to not use STIMCROP in solution with very alkaline chemical compounds, mineral oils, sulphur, polysulphides and copper compounds.

The product is stable from +5 °C to 35 °C. It must be kept in airy, cool, dry places, far from sources of heat/ignition, and it must be protected from sunlight.