



*Authorized in Organic Farming
DL 75-2010 - Regulation(CE) n. 889/2008*

Algol

Additive for water-soluble balanced formulas

Additive that enhances the physiology of the plant

Specific for balanced formulas (20-20-20)

Increases the effectiveness of fertilizer

Physiological stimulation of all active structures of the plant (roots, leaves, flowers and fruits)



Formulation:

Soluble Microgranules



Bioactive Compounds

Bioactive Element	Definition	Function performed in the product
CITOKININE S (Zeatin, Kinetin, Isopentenyladenine) cytokinin like activity	Natural compounds that stimulate the internal production of hormone-like substances of the Cytokinin family	Increase cellular multiplication of fruit and pulp - healing effect - delay of senescence - chlorophyll protection - increased protein synthesis - stimulates apical dominance
AUXINE Auxin like activity	Natural compounds that stimulate the internal production of hormone-like substances of the Auxin family	It enhances the multiplication of roots, stimulates the relaxation of apical cells and leaf surface. Reduces the activity of enzymes that alter chlorophyll
GIBBERELLINE Gibberellic like activity	Natural compounds that stimulate the internal production of hormone-like substances of the Gibberellin family	It increases cellular distension and the development of internodes. Stimulates fruit growth
Betaines	Glicinbetaine Prolinbetaine betaine from aminobutyric acids from laminarin	Antistress. It increases the water retention of cells that are more turgid
FULVIC ACIDS Selection of compounds with regenerative activity	Humic compounds at low molecular weight High biostimulant activity at foliar and roots level	Stimulate the synthesis of enzymes. They favor stomata opening and radical absorption
Selected Humic Acids	Top quality Leonardite extracts by KOH	Improves the structure of the soil Maximum rizogenetic activity
Glutamic acid	Aminoacid	Primary source for the synthesis of all vegetable Aminoacides



Dosages

Fertilizer to boost	Rate	NOTE
Water Soluble Fertilizers	1% (1 kg every 100 kg of fertilizer)	Mix at the blend preparation or add to the mother solution
Granular or microgranulars	0,5% (0,5 kg every 100 kg of fertilizer)	Mix at the blend preparation or add to the fertilizer before the application
Liquid	1,5% (1,5 kg every 100 kg of fertilizer)	Mix at the product preparation or add directly in the barrel

The product can be mixed

- Dry with suitable professional mixers
- At the mother solution preparation before the application
- In the barrel of treatment before the application

When the mixture is completely solubilized apply the product.

If you keep the product in solution more than one hour, shake the solution before use



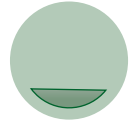
Label

CATEGORY: Filtered seaweed cream	
COMPOSITION	%
Organic Carbon (C)	21.0 %
Mannitol	20 g/lit
THE PRODUCT SHOWS BIOSTIMULANT ACTIVITIES ALLOWED IN ORGANIC FARMING Raw materials: seaweed Ascophyllum Nodosum – Neutral Peat	

The product contains also Humic Acids, Fulvic Acids, Vegetal Aminoacids, Oligopeptides, trace elements, monosaccharides



Positionning



Raw Material

Special Vegetal Extracts

Monosaccharides

Vitamins

Free Aminoacides

Enzymatic hydrolyzed of Ascophyllum Nodosum

Betaines

Glucosides

hormon like compounds

Alkaline hydrolyzed from Canadian Leonhardite

Selected Humic Acids

Fulvic Acids Hydrolyzed

from South Africa fossil leonhardite



Process

Enzymatic hydrolyzed

of Ascophyllum

Nodosum

Alkaline hydrolyzed of Leonhardite

Acid hydrolysis

Fulvic Acids extracts by Sulphuric Acid

Enzymatic hydrolyzed of specific natural compounds

Spry dry

T° > 600 °C to keep intact all the biostructural features

Cold mixture of different compounds in order to keep intact all the fundamental compounds



functioning

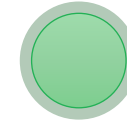
Special vegetable extracts and algae and Leonardite hydrolysates

stimulate the radical, vegetative, reproductive and fruiting physiology in a balanced way, maintaining a perfectly balanced plant



Objectives

To improve yield and quality maintaining a perfectly balanced plant



Note