



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

Idra

Additive for water-soluble high in P

Additive that enhances the physiology of the plant

Specific for water-soluble high in P (MAP-DAP-13-40-13 – 12-48-8 etc.)

Increases the effectiveness of fertilizer

Physiological stimulation of root development and flowering



Formulation:

Soluble Microgranules



Bioactive Compounds

Bioactive Element	Definition	Function performed in the product
Vitamins	Components of many enzymes	Stimulation of reserve substances accumulation
Cysteine – Serine	Aminoacides	Flowering and setting stimulation
AUXINE Auxin like activity	Natural compounds that stimulate the internal production of hornmonlike 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
Humic Acids	Vegetal extract at complex molecule	Improves the structure of the soil, microbial stimulation, improves fertilizer efficiency
Betaines and laminarins	Glicinbetaine Prolinbetaine betaine from aminobutyric acids from laminarin	Antistress. It increases the water retention of cells that are more turgid
Mannitol	Organic extract (polysaccharides) from Ascophyllum Nodosum	Stimulates activities of cell membrane, improves tolerance to drought, clean from OH groups
Polyphenols	Specific compounds accumulating in the skin at the latest development phases	Fundamentals to lend taste to the fruits
Monosaccharides	Simple sugars (Glucose, Fructose etc.)	readily assimilated energy



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)	15.6 %
Mannitol	21 g/lt
THE PRODUCT SHOWS BIOSTIMULANT ACTIVITIES ALLOWED IN ORGANIC FARMING Raw materials: seaweed <i>Ascophyllum Nodosum</i> – Neutral Peat	

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



Positionning



Raw Material

Special Vegetal Extracts

Vitamins
Free Aminoacides
Monosaccharides

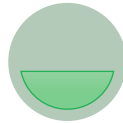
Enzymatic hydrolyzed of Ascophyllum Nodosum

Betaines

Laminarins
Mannitol
hormonlike compounds

Canadian Leonardite alkaline hydrolyzed

Selected Humic Acids



Process

Enzymatic hydrolyzed

of Ascophyllum Nodosum

Alkaline hydrolysis

Humic Acids extracted by KOH

Enzymatic hydrolyzed of specific natural compounds

Spry dry

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

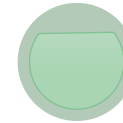
Cold mixture of different compounds in order to keep intact all the fundamental compounds



Functioning

Special vegetable extracts plus algae and Leonardite hydrolysates stimulate the root emission

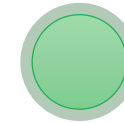
Vitamins, free Aminoacides and the seaweed hydrolyzed (Betaines Laminarins and Mannitol) improves flowering, reduces stresses and, together with monosaccharides, supply readily assimilable energy to the plant



Objectives

Improves rooting
Limit the stresses
Supply energy to the plant
Flowering stimulation

Best results in hard condition



Note