



PLUTONE

Improves the quality



It improves color and sugar content

It improves the skin resistance



Formulation:

Liquid



Bioactive Compounds

Bioactive Element	Definition	Function performed in the product
Selected Aminoacides: Alanine, Phenylalanine, Methionine, Glutamic acid	These compounds stimulates directly the synthesis of Antocycans and polyphenols	It improve color and taste of fruits
CITOKININE S (Zeatin, Kinetin, Isopentenyladenine) cytokinin like activity	Natural compounds that stimulate the internal production of hornmonlike 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
Monosaccharides	Simple sugars (Glucose, Fructose etc.)	readily assimilated energy
Alginates	Compounds derived from Alginic Acid, fundamental compound of	Complexing effect. Increase the uptake of other compounds. Impregnating effect. It increase the water retention, keeping the skin swollen and in life



Dosages

Application timing starting after setting. Application every 7-10 days

Crop	Foliar	Fertigation
Pome and stone fruits	2 Lt/Ha for 2-3 appl	1,5 Lt/Ha for 4-5 appl
Citrus	1-1,2 Lt/Ha for 1-2 appl	0,8 – 1.0 Lt/Ha for 3-4 appl
Grape (Table and wine)	2-2,5 Lt/Ha for 3-4 appl	1,8 - 2,5 Lt/Ha for 5-6 appl
Kiwi	1,5-2.0 Lt/Ha for 4-5 appl	0,8 – 1.0 Lt/Ha for 7-8 appl
Processing tomato, melon Watermelon	1,5-2.0 Lt/Ha for 3-4 appl	1.0-1,5 Lt/Ha for 6-7 appl
Potato	1.0 - 1,5 Lt/Ha for 1-2 appl	0,8 - 1.0 Lt/Ha for 3-4 appl
Greenhouse tomato	1,5-2.0 Lt/Ha for 6-7 appl	1.0 - 1,5 Lt/Ha for 8-9 appl
Greenhouse Pepfor - Eggplant	1,5-2.0 Lt/Ha for 6-7 appl	1.0 - 1,5 Lt/Ha for 8-9 appl
Greenhouse Zucchini	2.0 – 2,5 Lt/Ha for 2-3 appl	1.5 - 2.0 Lt/Ha for 3-4 appl
Salades	Da development beginning every 4-6 gg until harvest. 0.3-0,5 l/ha	Da development beginning every 2-3 gg until harvest. 0.3-0,5 l/ha
Other crops under greenhouse (cucumber, other fruit vegetables)	1,5-2.0 Lt/Ha for 6-7 appl	1.0 - 1,5 Lt/Ha for 8-9 appl



Label

CATEGORY: Liquid extract from yeast with brown seaweed (CaO – MgO) (10-1)	
Organic Nitrogen (N)	1.0%
Organic Carbon (C)	10%
OrganicSostanza of molecular weight <50 kDa	30%
pH	10%
Organic Nitrogen (N)	1.0%
Organic Carbon (C)	5



Positionning



Raw Material

Special Vegetal Extracts

Selected Aminoacides:
Alanine,
Phenylalanine,
Methionine, Glutamic acid

Enzymatic hydrolyzed

of Ascophyllum
Nodosum

Alginates

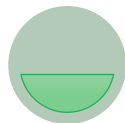
Monosaccharides

Polyphenols

hormonlike
compounds
(Cytokinin)

Nutrients

K- Ca



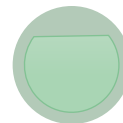
Process

Enzymatic hydrolyzed neutral environment at T° and pH controlled.



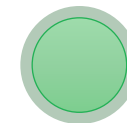
Functioning

It stimulates the precursors of synthesis of Antocyanins and polyphenols.
It saturates the calcium needs from the leaves, keeping available to the fruits the Ca absorbed from the soil



Objectives

It improves sugar accumulation, fruits shelf life and color.



Note

Totally soluble. Any problem of filters blocking
Allowed at ultra low volumes