



veganFert

ORGANIC NITROGEN FLUID FERTILIZERS

Fluid mixture of organic nitrogenous fertilizers

N	P	K	Mg	C	U.F.
5	0	5	2	20	32

Biological

VEGETABLE ONLY

Yeast, algae and borlande characteristics are best used in order to make a stable balance that consistently yields amino acids readily assimilated by plants.

Il **veganFert**, per effetto della elevata purezza delle materie prime miscelate tra loro in base all'esperienza ed al know how della BIOS, si colloca tra i migliori prodotti da usare per fertirrigazione, anche se può essere usato con efficacia per via fogliare.

The completely water-soluble formulation is rich in antistress substances (betaine, natural chelating agents - mannitol and alginic acid, cytokinins, laminarin and oligosaccharides, as well as amino acids and microelements), deriving from **extracts of algae of the *Ascophyllum nodosum* species**, collected in the North Atlantic (Nova Scotia, Canada - environments subject to intense tidal shocks that force algae to withstand extreme stress conditions, so as to develop unique survival skills), mixed with **high quality, low molecular weight vegetable proteins to enhance their effectiveness**.

The presence of **magnesium** in this phase improves the production and translocation of sugars, pigmentation and qualitative characteristics of fruits, also influencing photosynthesis: but more than anything else, magnesium is important because it promotes root development. Targeted additions restore the magnesium losses in the soil by leaching (easy in loose, acid soils and with intense precipitation) or unavailability (in alkaline soils).

The presence of **potassium** allows a balanced modulation of the synthesis of proteins, regulates transpiration influencing the stomatal opening, becomes part of the production processes of fragrant substances and flower colors, favors the processes of lignification. Organic in nature, it has a higher gear even in the early stages of plant development.

The use of **veganFert** must be regularly included in the nutritional program, so as to lead to a production increase thanks to the specific properties (stimulating action on the vegetation and fruit setting and acts as a natural chelator, carrying out an anti-stress action in case of changes in temperature, drought or high salinity of the soil).

In general we recommend the use of **veganFert** as the basis of the fertilizations for the entire production cycle, then inserting the appropriate nutrients for the phenological phase of the plant; we recommend at least 2-3 interventions in a production cycle. Fertilization with **veganFert** are particularly indicated in anticipation or following periods of abiotic stress (low temperatures, drought, salinity) and help the plant resume the usual vegetative vigor.



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COMPOSITION			P/P	P/V a 20°C
Nitrogen	(N) total		5 %	6 %
Nitrogen	(N) organic		5 %	6 %
Organic Carbon	(C) biological origin		20 %	24 %
Potassium oxide	(K ₂ O) soluble in water		5 %	6 %
Magnesium oxide	(MgO) total		2 %	2,4 %

PACKAGING	
Cardboard	(Bottles Pz. 20 x Kg. 1)
Jug	Kg. 5 - 10 - 25 - 1.200
Form	Fluid

Storage temperature: >=4° <=35° .
 Don't expose the container to direct sunlight.
 The product isn't instable at ordinary temperatures and pressures!
 Don't dispose of the container in the environment. Avoid contact with the skin



RECOMMENDED DOSES		
Fertigation (quantity/intervention)	Kg./Ha	
	Min.	Max.
Tree crops	30	60
Horticultural crops (open field)	30	60
Greenhouses	30	60
Foliar (quantity/intervention)	Kg./Ha	
	Min.	Max.
Various crops (alone and/or in mix with plants protection product)	2	10

RAW MATERIALS	
Product obtained beginning only FERTILIZERS of D.lgs. 75/2010, Attached 13, Table 1	ORGANIC COMPONENTS
	fluid yeast extract containing brown algae, fluid vinasse
	MINERAL COMPONENTS
	Magnesium sulphate

HOW TO USE	
Minimum quantity:	for repeated administrations in continuity during the crop cycle
Maximum quantity:	for vegetative growth and/or to overcome stress: transplant, cold, weeding, salt excess, etc.

The recommended doses have indicative value and should be increased or decreased considering the follow: the pedoclimatic characteristic of the zone of interest, fertility, water retention, structure of soil, cultural variety, the equipment in use and finally the experience of the agricultural entrepreneur. In any case it is recommended to avoid concentrations of the product next to the seed and/or to the roots.

Restictions in the use – Art. 11, paragraph 1, letter C) of the Re. CE/1069/20019: The feeding of farmed animals, with herbage, assumed through the pasture or administered after having been picked up, coming from farmland where organic fertilizers or soil improvers different from dung have been applied, unless the pasture or the cut of grass takes after a waiting period – at least 21 days, facing to guarantee a suitable risk assessment for the public and animal health

The suitable analytical data on the wrappings follow the prescriptions of the D.lgs. n. 75 of 29/04/2010 and following changes and/or integrations. All the data provided in the present publication are indicative, BIOS s.r.l. the right reserves its rights to modify them without obligation of warning.