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BIOS FERTILIZZANTI

Primo460 (Fe)

Mixture of organic fertilizers NP

N	P	K
4	6	-

CaO	MgO	SO_3
8	0,25	7

Fe
5

C	U.F.
21	51,3

Biological

ORGANIC FERTILIZERS NP

FINEST ORGANIC MATERIAL ENRICHED WITH IRON

tectosilicates selected inside

Primo, is the our new and innovative product line based on **organic fertilizer NP (Ca)** which are made of natural organic matrices like noble proteins, amino acids and peptides all put together with appropriately selected Calcium and Magnesium tectosilicates: they have the multiple target of enhancing the organic matter and Humus in the soil in order to obtain a unit output, improve product-processing quality standards, solubilize all elements accrued in the soil so that any plant can get what is needed when needed.

Completely free from toxic contaminants, **Nitrogen, Phosphorus, and Calcium from organic sources** are available immediately and progressively, respecting the microflora of the soil, allowing those useful micro-organisms to perform their function of "organic digestion".

The selected Calcium and Magnesium tectosilicates can positively affect the cation exchange capacity; they guarantee the gradual and progressive release of water and other nutrients (which otherwise would have been leached); they also ensure the soil is constantly humid and the air can freely circulate (they avoid stress and asphyxia in the roots and promote useful micro-organisms activities).

Primo460 (Fe) stems from the Primo460 enrichment with iron sulphate: it's necessary on alkaline soils where Iron is stuck and it's used as an immediate availability of iron and organic nitrogen at the first stage of the plant's formation. It's excellent for an effective basal fertilization on cultures with poor remuneration.

Primo460 (Fe): soil fertility and plants feeding.

PACKAGING	
Bags	Kg. 25 (n°60/pallet)
Big Bags	Kg. 500/each
Form	Powder or mini pellets (die ø 3,5 mm.)

COMPOSITION			
Nitrogen	(N)	organic	4 %
Phosphoric anhydride	(P_2O_5)	total	6 %
Potassium oxide	(K_2O)	soluble in water	0,25 %
Calcium oxide	(CaO)	total	8 %
Magnesium oxide	(MgO)	total	0,25 %
Sulphuric anhydride	(SO_3)	total	7 %
Iron	(Fe)	soluble in water	5 %
Manganese	(Mn)	soluble in water	5,2 mg./Kg.
Zinc	(Zn)	soluble in water	76,4 mg./Kg.
Organic carbon	(C)	biological origin	21 %
Proteins			25 %
Reaction (1:5) pH			5,5
Chromium	(Cr)	total	-

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.

RECOMMENDED DOSES - Kg./Ha			
Tree crops	500	-	1.000
Vines	500	-	900
Hortycultural crops (open field)	400	-	800
Greenhouses	600	-	1.000
Cereals	400	-	700
Grasslands	400	-	800

The suitable analytical data on the wrappings follow the prescriptions of the D.L.gs 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.

RAW MATERIALS	
Product obtained beginning only from FERTILIZERS of D.lgs. 75/2010, Attached 13, Table 1	ORGANIC COMPONENT: Hydrolysed slaughter residues, fleshings, Ruffett of bones, dry blood, natural horns
	MINERAL COMPONENT: Salt (sulphate) of Iron

Restrictions on the use - Art. 11, paragraph 1, letter c) of the Reg.CE/1069/2009: 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.

PROSPERITY IN THE LAND