



# Primo340

Mix of organic fertilizers NP

N	P	K	CaO	MgO	SO <sub>3</sub>	Zn	C	U.F.
3	4	-	10	0,35	5	0,01	23	45,4

**Biological**

## A REFINED ORGANIC SUBSTANCE

**Primo340** belongs to the innovative product line based on **organic fertilizers NP (Ca)** which are made of natural organic matrices like complete 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).

**Primo340** is a member of the "Family", with a high presence of Complete Proteins from organic substance (from which the totality of the Nitrogen is derived) in perfect balance with phosphorus and calcium: due to an excellent quality/price ratio, it's significantly superior to the simple soil improvers and it's used as an ameliorative alternative to manure or poultry. Sulphur, Magnesium and Zinc complete the product.

### Primo340: soil fertility and plant nutrition.

COMPOSITION			
Nitrogen	(N)	organic	3 %
Phosphoric anhydride	(P <sub>2</sub> O <sub>5</sub> )	total	4 %
Potassium oxide	(K <sub>2</sub> O)	soluble in water	0,17 %
Calcium oxide	(CaO)	total	10 %
Magnesium oxid	(MgO)	total	0,35 %
Sulphuric anhydride	(SO <sub>3</sub> )	total	5 %
Iron	(Fe)	soluble in water	101 mg./Kg.
Manganese	(Mn)	soluble in water	3,2 mg./Kg.
Zinc	(Zn)	soluble in water	14,8 mg./Kg.
Organic carbon	(C)	biological origin	23 %
Proteins			19 %
Reaction (1:5) pH			6,5
Chromium	(Cr)	total	-

RAW MATERIALS	
Product obtained beginning only from FERTILIZERS of D.lig. 75/2010, Attached 13, Table 1	ORGANIC COMPONENTS
	Hydrolysed slaughter residues, Meat meal (fleshing), Ruffet of bones, dry blood, natural horns

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.

tectosilicates selected inside



### PACKAGING

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



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.

### RECOMMENDED DOSES - Kg./Ha

Tree crops	1.000 - 2.000
Vines	1.200 - 1.800
Horticultural crops (open field)	1.200 - 1.700
Greenhouses	1.800 - 3.500
Cereals	900 - 1.700
Grasslands	1.500 - 2.100
Mix for pot plants soils/turfs	3% - 5%

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.

ORGANIC FERTILIZERS NP