



GranCereali NP

Organo-mineral fertilizer NP (Ca) with Iron (Fe) and Zinc (Zn)

Conventional

N	P	K	Ca	Fe	Zn	C	U.F.
8	12	0	20	0,5	0,1	17	57,6

It's an **organo-mineral fertilizer NP** made of different noble matrices arising from animal proteins and specifically prepared to promote, right from the start, the degradation of humic and fulvic acids, in order to facilitate the stability of the mineral colloids and to influence the Cation Exchange Capacity (and therefore the detention of free cations), in order to successfully manage farmlands (especially the clay ones), making them more fertile. It's suitable for any cultivation, but it's definitely the best for cereals. Phosphorus and Calcium are usually immiscible; in **GranCereali NP** they co-exist and they are digested by plants in short, mid and long terms, making this product ideal for a basal dressing. It has been created to stimulate the growth of the root structure as strong and fast as possible in order to make the plant hard and resilient; the product can also strengthen the plants during the rising stage, limiting and preventing bending, breakups, stimulating the plant to be less easily blown over, under the pressure of bad weather conditions. Its composition results to be the best at the lowest price compared to competing products. **Iron** acts as a catalyst for breathing processes and it's fundamental for the formation of the chlorophyll molecules. The active forms of the iron are complex organic compounds like some proteins, lipids and enzymes, particularly abundant in fresh leaves. The **Zinc** is fundamental for the protein synthesis and works as a ribosome stabilizer as they are required for the formation of polypeptides from single amino acids.

GranCereali NP facilitates rooting, strengthens the structure of the plants protecting them from special weather events. It doesn't release limestone.

GranCereali NP: growth rate, strong plants, resistance to adversities, all in one product!

COMPOSITION			
Nitrogen	(N)	total	8 %
Nitrogen	(N)	organic	3 %
Nitrogen	(N)	ureic	5 %
Phosphoric anhydride	(P ₂ O ₅)	soluble only in mineral acids (P ₂ O ₅ total)	12 %
Phosphoric anhydride	(P ₂ O ₅)	neutral ammonium citrate and water soluble	3 %
Carbon	(C)	biological origin	17 %
Calcium oxide	(CaO)	total	20 %
Iron	(Fe)	soluble in water	0,5 %
Zinc	(Zn)	soluble in water	0,1 %



The recommended doses have indicative value and should be increased or decreased considering the following: 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.

selected tectosilicates inside



PACKAGING

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

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.

RAW MATERIAL	ORGANIC COMPONENTS
	Mixture of nitrogenous organic fertilizers, Mixture of organic NP
RAW MATERIAL	MINERAL COMPONENTS
	Soft natural phosphate, Urea, Salt (sulphate) of iron, Salt (sulphate) of Zinc

RECOMMENDED DOSES - Kg./Ha

Tree crops	600 - 1.200
Vegetable crops (open field)	300 - 900
Greenhouses	700 - 1.500

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.

ORGANO-MINERAL FERTILIZERS NP