



# WINNER NPK

Organ-mineral fertilizer NPK (Ca)

N	P	K	CaO	C	U.F.
9	6	13	8	28	64

Conventional

## GUARANTEE OF SUCCESS, FROM BEGINNING TO END

**WINNER NPK** is a fertilizer rich in organic substance of biological origin, capable of stimulating effectively the work carried out by soil microorganisms, with its amount of ureic **Nitrogen**, while with its organic part it becomes a slow-release nitrogen tank.

**The Phosphorus** is largely available as it derives from an organic matrix: it can influence the strength of the plant, the distance between the internodes, and becomes for the plant an effective power supply and can finally affect the action of enzyme activity.

The **Potassium**, linked to the organic matter, is easily absorbed. Its elevated amount, linked to vegetal and animal matrices, is immediately available to the plant and it's capable of reducing shortcomings by effectively influencing biochemical processes, if involved. In high quantity, it enables the use of poor lands or with limited availability during the ripeness of the final product.

The presence of **Calcium**, finally, makes this product really complete, reinforcing roots and the whole plant, can make it younger and influences the skin of new fruits and fresh leaves, ensuring more flexibility and resistance to external agents attacks.

The presence of **tectosilicates** guarantees that the product is environmentally friendly since its role is to limit the leaching process in nutrients (function already carried out by the organic substance), by releasing the nutrient solution only if needed, becoming that way an efficient filter against the pollution of the underlying layers.

**WINNER NPK is therefore a winning product also usable, in complete safety, in poor soil conditions.**

COMPOSITION			
Nitrogen	(N)	total	9 %
Nitrogen	(N)	organic	4,5 %
Nitrogen	(N)	ureic	4,5 %
Phosphoric anhydride	(P <sub>2</sub> O <sub>5</sub> )	soluble only in mineral acids (P <sub>2</sub> O <sub>5</sub> total)	6 %
Phosphoric anhydride	(P <sub>2</sub> O <sub>5</sub> )	neutral ammonium citrate and water soluble	4 %
Potassium oxide	(K <sub>2</sub> O)	soluble in water	13 %
Calcium oxide	(CaO)	total	8 %
Organic Carbon	(C)	biological origin	28 %



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.

Selected Tectosilicates inside



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PACKAGING	
Bags	Kg. 25 (n° 60/pallet)
Form	Mini pellets (die ø 3,5 mm.)



RECOMMENDED DOSES - Kg./Ha	
Tree crops	400 - 700
Horticultural crops (open field)	500 - 700
Greenhouses	600 - 700

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 MATERIALS
ORGANIC COMPONENTS
Mix of organic fertilizer NP
MINERAL COMPONENTS
Potassium chloride, Urea, Potassium sulphate

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.

ORGAN-MINERAL FERTILIZER NPK