



# POKER NPK (Ca)

Organo-mineral fertilizer NPK (Ca), (Mg)

N	P	K	CaO
10	10	10	10

C	U.F.
23	63

**Conventional**

## CERTAIN VICTORY, GUARANTEED SUCCESS

**POKER NPK (Ca)** is a balanced fertilizer between the NPK values and the Ca. Complete and with a great amount of organic matter of biological origin, it has a low C/N ratio which allows the fast availability of the nutritive elements and a beneficial action of fertilization. The micro-organisms present in the soil, stimulated by the presence of Nitrogen, quickly act to release the elements that otherwise would require a long time to transform into components assimilables from the plant.

**N 10: The Nitrogen** present is perfectly in equilibrium between its ureic component ("fast and medium" transfer) and the organic one from various matrices (fast, medium and slow release) to guarantee its availability for a long time and from the first moment.

**P 10: Phosphorus** is readily assimilable as it is absorbed on humus and fine limestone. Organic phosphorus accounts for 20-80% of phosphorus in a soil in the form of nucleoproteins; in combination with humus, it produces humus phosphates. Approximately humus releases 15 Kg. of P<sub>2</sub>O<sub>5</sub> per year; the greater the organic substance, the higher the availability of P.

**K 10: Potassium** varies between 1 and 5% (by weight) of the soil; more than 90% is bound to silicates and released slowly. Potassium, if linked to the organic substance, is easily assimilated. The high presence of this element, linked to vegetable and animal matrices, is immediately available for the plant and able to limit deficiencies, effectively influencing the biochemical processes in which it is involved.

**Ca 10: Calcium**, finally, always in available quantity equal to the other three elements and coming from an organic matrix, increases the formation of new roots and strengthens the plant, rejuvenates it with new well-evident buds. It also influences the epidermis of the fruits and the young leaves ensuring greater elasticity and resistance to attacks by external agents. It does not release limestone. **The tectosilicates** in the mixture obstruct the leaching of the nutritive elements as they slowly release the solution and only "on request" from the plants, also acting as an effective filter against the pollution of the underlying layers.

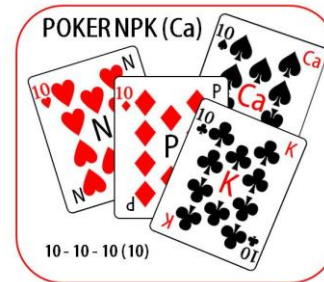
**The result is a win in quality and quantity without any limit: a secure and guaranteed poker!**

COMPOSITION			
Nitrogen	(N)	total	10 %
Nitrogen	(N)	organic	5 %
Nitrogen	(N)	ureic	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)	10 %
Phosphoric anhydride	(P <sub>2</sub> O <sub>5</sub> )	ammonium citrate and water soluble	5 %
Potassium oxide	(K <sub>2</sub> O)	soluble in water	10 %
Calcium oxide	(CaO)	total	10 %
Organic Carbon	(C)	biological origin	23 %
Organic Substance			48 %

RECOMMENDED DOSES - Kg./Ha		
Tree crops	300	- 400
Horticultural crops (open field)	300	- 500
Greenhouses	400	- 600

The recommended doses are indicative, must be increased and / or decreased taking into account: the climatic characteristics of the area of interest, fertility, water retention, soil structure, crop variety, the equipment used and the experience of the entrepreneur agricultural. In any case it is recommended to avoid concentrations of the product near the seed and / or roots.

Selected tectosilicates inside



PACKAGING	
Bags	Kg. 25 (n° 60/pallet)
Form	Mini pellets (die 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 MATERIALS
<b>ORGANIC COMPONENTS</b>
Mix of nitrogenous organic fertilizer, Mix of organic fertilizer NP
<b>MINERAL COMPONENTS</b>
Potassium chloride, Urea, pliable natural phosphate

The analytical data indicated on the packages follow the provisions of the **Legislative Decree no. 75 of 29/04/2010 and subsequent amendments and / or additions**. All data reported in this publication are indicative, BIOS s.r.l. reserves the right to modify them without prior notice.

ORGAN-MINERAL FERTILIZERS NPK