



BIOS AZ fluid

Fluid organo-mineral fertilizer nk in suspension

N	P	K
11	1,5	5

C	U.F.
12	29,5

Conventional

FOR A SPRINT START AND A BALANCED MATURATION

It is a **liquid NK organo-mineral fertilizer in suspension**, with a great amount of organic nitrogen (noble animal and vegetable matrices) and ureic nitrogen, it is endowed with a slight presence of phosphorus and a good concentration of potassium. **The Nitrogen** contained in these forms favours the vegetative development, playing a fundamental role in all phases of growth and maturation of the plant; **Potassium** is important in regulating osmotic pressure and cell pH, and it is also a fundamental regulator of stomatal openings and therefore strongly influences the turgidity of the cell wall; the Nitrogen-Potassium complex is fundamental for the synthesis process and the reserve of sugars.

If administered in fertigation in the early stages of growth, it gives strong vigour to the plant, improving the development of the root system; it favours a better assimilation of soil elements thanks to its contribution of organic substance; it effectively supports the separation of axillary gems. If used in the final phase of production, the balance between the nutritive elements ensures a constant assimilation both during the flowering phase and the maturation of the fruits. It allows to solve problems of potassium deficiency without interrupting the process of formation of the final product (flower or fruit).

COMPOSITION

			P/P	equivalent to P/V at 20°C
Nitrogen	(N)	total	11 %	13,8 %
Nitrogen	(N)	organic	3 %	3,8 %
Nitrogen	(N)	ureic	8 %	10,0 %
Phosphoric anhydride	(P ₂ O ₅)	soluble only in mineral acids (P ₂ O ₅)	1,5 %	1,9 %
Potassium oxide	(K ₂ O)	soluble in water	5 %	6,3 %
Carbon	(C)	organic	12 %	15,0 %



Recommended doses (To avoid the contact with skin)

Crops
Lettuces, Horticultural (fennel, cabbage, tomato, aubergine, pepper, zucchini, cucumber, ecc.), Garlic, Onion, Watermelon, Melon, Strawberry, Fruit (peach, apple, plum, table and wine grapes, kiwi, apricot, cherry, citrus fruit, ecc.), Tobacco, Industrial Crops (cereal, corn, grass, etc).

How to use

Fertigation and/or rain irrigation
from Kg. 10 a Kg. 30 / Ha
Minimum dose level: several use during the crops cycle
Maximum dose level: for vegetative growth and/or in stress conditions: transplantation, cold, weeding, salt excesses, etc.

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.



PACKAGING

Cardboard	(Bottle Pz. 20 x Kg.1)
Jug	Kg. 5 - 10 - 30 - 1.250
Form	Fluid

Storage temperature: >= 10° <=30°

Don't expose the container to direct sunlight. The product isn't combustible, and it's stable at ordinary temperatures and pressures. Dispose this product responsibly after use. Avoid contact with skin.



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 nitrogenous organic fertilizer fluid
MINERAL COMPONENTS
Urea, potash salt B.T.C. (low chloride content)

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.

ORGAN-MINERAL NK FLUID FERTILIZERS IN SUSPENSION