



AMINOX

NITROGEN LIQUID FERTILIZER, FLUID SUSPENSION OF FLESHING



Solution
liquid



Application
foliar
Fertigation



Packaging 1t 5-20

FEATURES

AMINOX promotes biochemical reactions related to the production of sugars and organic acids by increasing cell multiplication and pollen germination. Amino acids are the building blocks of proteins, complex macromolecules that perform structural, enzymatic and hormonal functions in plants.

Until recently, the only way to promote the formation of amino acids in plants was through the root system with the addition of inorganic fertilizers, where nitrogen is absorbed by the roots and transformed into amino acids. This process requires a high energy consumption for the plant, which can be exploited in other biological processes (flowering, setting, ripening, etc.).

The application of amino acids and peptides of **AMINOX**, via the leaves or on the ground has a favorable effect on crop nutrition as it provides the key connections for the formation of biological molecules, without intermediate steps for synthesis. The foliar application of amino acids and peptides is very important, for the speed of action even in the presence of stressful situations that generally could reduce the normal activity of the plants. In fertigation, they fight soil exhaustion, rapidly revitalizing and regenerating the microflora, increasing the mineralization of the organic substance and reducing the leaching of nutrients.

Using selected organic materials and our technology, we obtain products that meet all the needs of modern agriculture.

DOSAGE

CULTURE	APPLICATION BY FERTIGATION
Kiwi, apricot, citrus fruit, cherry, apple tree, olive tree, pear, peach, plum, grapevine Leaf vegetables Tomato, peppers, aubergines, cucumbers, courgettes Melon, watermelon Strawberry	Every 10-15 days from pre-flowering to veraison 30-60 kg/ha Every 7-10 days from development of first leaves 3-7 kg/1000 m ² Every 8-12 days from transplanting to production 40-80 kg/ha Every 7-12 days from post-transplant to fruit ripening 30-60 kg/ha Every 10-15 days 2-3 applications during engraftment from vegetative restart to harvest 4-8 kg/100 m ²
Cabbage, cauliflower Artichoke Floriculture Ornamental plants nursery	Every 8-10 days in the most intense growth phase 3-6 kg/100 m ² Every 8-10 days from formation to growth of the flower heads 40-80 kg/ha Every 8-12 days from transplanting to complete production 4-8 kg/100 m ² Every 7-12 days from the first stages to transplanting 50-70 kg/ha

CULTURE	FOLIAR APPLICATION
Wheat Drupaceous Vegetables Strawberry Corn, sorghum Tomato, potato Melon, watermelon Grapevine	Biostimulant in foliar treatments 2-3 kg/ha (400-600 gr/100 lt) Every 15 days from flowering to veraison 2-3 kg/ha (200-300 gr/100 lt) Every 15 days in all critical phases 2-3 kg/ha (400-600 gr/100 lt) Every 12-15 days from the start to the first detachments 1-2 kg/ha (200-400 gr/100 lt) Biostimulant and adjuvant in the treatments of leaves 3-5 kg/ha (500-1000 gr/100 lt) Every 15 days in all critical phases 2-3 kg/ha (400-600 gr/100 lt) Every 10-12 days in full vegetative development 2-4 kg/ha (400-800 gr/100 lt) Every 12-15 days from the vegetative phase to fruit setting 2-3 kg/ha (200-300 gr/100 lt)

COMPOSITION

Total nitrogen (N)	7.40%
Soluble organic nitrogen (N)	7.40%
Organic carbon (C)	28%
Total amino acids (% t.q.)	40-55%
free amino acids	6-10%

CHEMICAL-PHYSICAL CHARACTERISTICS

Appearance	brown solution
pH as it is (20°C)	6.0 - 7.0
pH solution 1% (20°C)	6.6
apparent density 20°C	1.24 - 1.30 Kg / lt

WARNINGS

Shake well before use
Miscibility with liquid or water-soluble fertilizers and pesticides, except those with a basic-alkaline reaction such as mineral oils and copper
In cask, pour the water first and then Aminox
The organic product can create a foam effect; in this case use a normal antifoaming agent

ADVANTAGES

- * Quick assimilability both at the leaf and root level
- * Accelerates the processes of formation of peptides, proteins, enzymes for the functions of plant growth
- * Increase in the assimilation capacity of nutrients and systemic active ingredients
- * Pulp decay, cracking and russetting of stone fruit
- * Prevents and cures chlorosis
- * Anti-stress effect in unfavorable environment
- * It improves the intake of nutrients to the soil thanks to its chelating action

After use in the irrigation system, clean the system thoroughly letting the water run for 15 minutes
Distribute the product in the cooler hours of the day
It is stable at ordinary temperatures and pressures
Store at temperatures between 5-25°C
It is not combustible