



AMINOTON®

Soil fertility activator with amino acids – for soil applications



CHARACTERISTICS

AMINOTON is an organic fluid fertilizer with high nitrogen content made of a mixture of amino acids and peptides of natural origin. The high nitrogen and protein carbon content gives AMINOTON great nutritional properties both to the soil's micro organisms and to cultivations.

EFFICACY

- ✓ *Allowed in biological cropping*
- ✓ *Immediate stimulus to the growth of soil's microorganisms*
- ✓ *Increase in biological fertility*
- ✓ *Greater availability and constant release of nutrients for plants*

The life of plants and the agricultural yields depend, essentially, on the biological fertility of soils in which they grow or on the vitality and the activity of microorganisms present in it.

The availability of nutritional elements to the plants is, therefore, the immediate consequence and the exclusive result of activities of telluric microflora responsible for all biochemical processes. The presence of an abundant and vital biomass in the soils gives high and constant yields. The application, near the roots, of a hydrolyzed protein, rich in nitrogen and carbon product such as AMINOTON is like supplying a complete nutriment, readily available and balanced, in an area of the soil where more intense biochemical processes are taking place that are connected to fertility. The immediate effects are: an immediate stimulus to the growth of the microorganisms and to their activities, a greater availability and a constant release of nutrients for plants, and greater fertility.

RESULTS

With the application of AMINOTON it is possible to obtain a more harmonic growth in plants without periods of no growth, greater root growth, a reduction in deficiency of micro and meso elements, and a reduction of a crop's pathologies.

COMPOSITION

	% w/w	% w/v
Organic nitrogen (N)	7,4	9,5
Organic nitrogen (N) soluble	7,4	9,5
Organic carbon (C)	27,8	35,6

SPECIFICATION

Density 1280 g/lit

pH 5.5 ± 0.5

STATE

Liquid

APPLICATION

Soil and foliar

DOSES, WAY, TIME OF APPLICATION

Crops	Application rate	N° and time of applications
Fruit trees, vines, olive trees	Soil-Greenhouse: 3-6 g/m ² (2,5-5 ml/m ²)	2-4 applications: beginning with vegetative growth, before flowering, during fruit swelling
Strawberries, leafy vegetables, artichoke		1-2 applications after transplanting
Vegetables	Soil open ground: 20-50 kg/ha (15-40 lt/ha)	3-4 applications: after transplanting, during fruit swelling
Flowers and ornamental shrubs and trees, nurseries	For foliar application: 200-400 g/hl (150-300 ml/hl)	1-2 applications after transplanting
Tobacco plants		2-3 applications after transplanting

PACKAGING

1 lt bottle

(carton 1 lt x 16)

6 lt can

(carton 6 lt x 2)

20 lt can

NOTES

It is possible to use AMINOTON with the normal foliar and soil applied fertilizers. Moreover, it can be mixed with the usual plant protection products.

WARNING

It is very important to not use AMINOTON in solution with very alkaline chemical compounds, mineral oils, sulphur, polysulphides and copper compounds.

The product is stable from +5°C to +35°C. It must be kept in airy, cool, dry places, far from sources of heat/ignition and it must be protected from sunlight.