



Biostimulant & Biological Activator
Amino Acids

AMINOTONIC-L[®] (liquid)

*Natural biological growth activator based on amino acids and peptides
for foliar and soil applications.*

Revised 17/11/2017

1/ PRODUCT DESCRIPTION & CHARACTERISTICS

AMINOTONIC-L[®] is an organic fluid fertiliser with high nitrogen content, made with a mixture of amino acids and peptides of natural origin that contribute to supplying crops with natural energy. The application near the roots of hydrolysed protein rich in nitrogen and organic substances, such as AMINOTONIC-L[®] is like supplying a complete, readily available and balanced feed to an area in the soil where more intense, fertility-connected biochemical processes are taking place. The immediate effects are an increase in the activity of microorganisms and a constant release of nutrients to the plant, with an energy-saving effect. With the application of AMINOTONIC-L[®] it is possible to obtain a more harmonious growth in stressed plants.

2/ INDICATIVE STANDARD PRODUCT ANALYSIS & COMPOSITION

<u>Composition :</u>	<u>% w/w</u>	<u>%w/v</u>
Total Nitrogen (N)	8.0 ± 0.4	10.0 ± 0.4
Organic Nitrogen (N-CO)	7.4 ± 0.4	9.2 ± 0.4
Organic Carbon (C)	24.0 ± 2.0	30.0 ± 2.0
Total aminoacids	46.2 ± 1.0	57.7 ± 1.0
Balanced content of free aminoacids	9.0 ± 0.4	11.2 ± 0.4

Specification :

Colour	brown
pH	5.5-6.5
Density	1220 - 1260 g/l

State : Liquid

Application : Soil & Foliar Spray and Drip irrigation

* **Attention:** This is a natural product, so there are always some differences between different productions.

3/ INSTRUCTIONS FOR USE

DOSES, WAY & TIME OF APPLICATION (Doses are referred to each application)

CROPS	APPLICATION RATE	NO. AND TIME OF APPLICATIONS
Fruit trees, grapes, olive trees	<u>Soil-Greenhouse:</u> 3-6 g/m ² (2.5-5 ml/m ²)	2-4 applications: beginning with vegetative growth, before flowering, during fruit setting.
Vegetables	<u>Soil-open ground:</u> 20-50 kg/ha (15-40 L/ha)	3-4 applications: after transplanting, during fruit swelling.
Ornamentals	<u>For foliar application:</u>	1-2 applications: after transplanting
Fields crops	200-400 g/hl (150-300 ml/hl)	2-3 applications: after transplanting

4/ NOTE & WARNING

AMINOTONIC-L[®] can be used with the normally applied foliar and soil fertilisers. It can be mixed with the plant protection products applied normally. Avoid mixing with highly alkaline compounds, mineral oils, sulphur, phosphorus, copper-based chemical compounds. The product is stable between +5 °C and +35 °C. Store in a well-ventilated, cool, dry place, away from sources of heat/ignition. Protect from sunlight.

5/ PACKING

- 1) 1 l bottle x 16 per carton, 1008 l per pallet
- 2) 6 l can x 2 per carton, 1200 kg per pallet
- 3) 20 l can, 960 l per pallet