



**PRODUCT INFO
& DATASHEET**

Biostimulant & Biological Activator
Amino Acids

AATONIC-L[®]
Natural anti-stress process activator and promoter
(for foliar application)

15/06/2017

1/ PRODUCT DESCRIPTION & CHARACTERISTICS

AATONIC-L[®] is an exclusive liquid product made of amino acids enriched with a special, non-hormonal activator with high biostimulant activity.

AATONIC-L[®] can increase the yields and the quality of crop production by stimulating crop metabolism. It also contains amino acids that help with the absorption and the translocation of the activator into the cells, where it strengthens the cell walls and membranes and boosts biochemical processes involving pollen fertility and fruit size, reducing fruit dropping. The results are an increase in mineral content, an improvement in the crop's nutritional level, a quicker synthesis of enzymes, an improvement in flowering, in fruit setting and in fruit growth, in stronger cell membranes, with lower susceptibility to biotic and abiotic stress.

2/ PRODUCT ANALYSIS

<u>Composition</u> :	<u>% w/w</u>	<u>% w/v</u>	<u>Specification</u> :	
Nitrogen (N) total	16.3	20.4	pH	5.5-6.5
Organic nitrogen	1.3	1.6	Density	1260 g/lt
Nitric nitrogen	3.75	4.7		
Ammoniacal nitrogen	3.75	4.7	<u>State</u> :	Liquid
Ureic nitrogen	7.5	9.4	<u>Application</u> :	Foliar
Organic matter (O.M.)	14.8	18.5		
Boron (B), water soluble	0.02	0.02		
Molybdenum (Mo), water soluble	0.001	0.001		
Zinc (Zn), EDTA chelated, water soluble	0.05	0.06		

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, olive trees, vegetables	Foliar: 50-80 g/hl (0.5-0.8 kg/ha) 40-70 ml/hl (0.4-0.7 lt/ha)	1-3 applications, beginning from before flowering, every 15-20 days
Geranium, carnation, rose, chrysanthemum	Foliar: 80-100 g/hl (70-80 ml/hl) Soil irrigation: 0.5 kg/hl (0.4 lt/hl)	3-5 applications beginning from transplant every 20 days

4/ NOTE & WARNING

AATONIC-L[®] can be used with usually applied foliar and soil fertilizers. It can be mixed with the normally used plant protection products.

It is very important not to use AATONIC-L[®] in solutions with very alkaline chemical compounds, mineral oils, sulphur, polysulphides and cupric compounds (with the exception of olive trees, where it can be used with copper). 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) 0.5 lt bottle (carton 0.5 lt x 20)
- 2) 1 lt bottle (carton 1 lt x 16)
- 3) 6 lt can (carton 6 lt x 2)

Any information in this publication is believed to be accurate and is given in good faith, but is for the customer to satisfy himself of the suitability for his own particular purpose. No representation, warranty or guarantee is made to its accuracy, reliability or completeness.

