



**PRODUCT INFO  
& DATASHEET**

## **SICO AMINOVIT-L**

*New liquid biostimulant*

*Composed of L- alpha aminoacids, vitamins, ATCA*

### **PRODUCT DESCRIPTION & ACTIVITY**

SICO AMINOVIT-L is a natural physiologic biostimulant that activates the biochemical and enzymatic functions in plants, improving the resulting metabolic and synthesis processes. It contains a high concentration of L-alpha aminoacids, such as alanine, arganine, aspartic acid, cysteine, glutammic acid, glycine, hydroxy-proline, hystidine, iso-leucine, leucine, lysine, methionine, phenylalanine, proline, serine, treonine, tryptophan, thyroxine, valine.

In such laevorotatory form, these aminoacids are quickly available to the vegetal tissues; in such a way the synthesis of proteins is favored as well as that of other precursors of hormones and enzymes.

The free aminoacids stimulate the development and the metabolism of several organs of the plant, complex the trace elements, permitting their fast translocation into the plant to the places where they are used.

Other components are natural bio-promoters such as vitamins, in particular B6 (folic acid) and ATCA (N-Acetyl-Thiazolidin-4-carboxylic acid), which is a precursor of cysteine (a very important metabolic activator).

The use of SICO AMINOVIT-L improves photosynthesis, respiration, the synthesis of proteins, of carbohydrates of nucleic acids, lipids, etc.

SICO AMINOVIT-L stimulates germination, rooting, blooming and fruit enlargement and helps the plants to overcome the effect of stresses due to thermo or water sudden changes, parasite attacks, phyto-toxicity and root asphyxia.

SICO AMINOVIT-L is a fluid fertiliser to be used by foliar spraying, particularly when plants are stressed, because, thanks to its content of aminoacids it supplies to the plants the essential components for synthesizing proteins, carbohydrates, etc.

### **PRODUCT ANALYSIS (w/w basis)**

Organic Nitrogen (N)	6.3 %
Organic Carbonium (C) (of biological origin)	19 %
Total Amino Acids	39 %
Free Amino Acids	10 %
A.A.T.C.	0.86 %
Folic Acid	0.016 %

### **METHODS & RATES OF APPLICATION**

Recommended rates for foliar spraying (ml/ha) and timing of application

Flowers (roses, etc.)	400 - 600	At the start of vegetation.
Nursery	20 - 30 ml/100 l	At 3rd - 4th leaf stage.
Leafy vegetables	500 - 600	4th - 6th leaf (repeat after 15 - 20 days).
Tomato, pepper, etc.	400 - 500	After transplanting and before flowering of each cluster.
Cucumber, melon, etc.	700 - 750	Before flowering, after fruit-set.
Strawberry	400 - 700	After transplanting, before flowering, after fruit-set.
Tomato for canning, cotton, tobacco, sugarbeet	300 - 500	At the beginning of vegetation, repeat 2 - 3 times at 15 - 20 days interval.
Apple, pear, kiwi	700 - 1000	At the start of vegetation and after fruit-set.
Drupaceous trees	800 - 1000	After fruit-set. Repeat after 15 - 20 days.
Vines, olive-trees	500 - 700	At the start of vegetation and at the end of fruit-set.
Citrus	800 - 1000	At the start of vegetation and at the end of fruit-set.
Soybeans	1-1.5 lit/hectare	10 - 15 days before the beginning of flowering

(for avoiding fall of flowers due to any kind of stress, specially drought, and for a better set).

We recommend to use some Calcium together with this treatment eg. SICO-BCAL (L) 8% Ca + 0.5 % B foliar liquid or SICOCHEL-L (liquid) BoCa. If possible repeat at half rate (0.5-0.75 lt/hectare) after 30-40 days, or at the time of treatments with fungicides (e.g. for roya).

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.

**SAP INTERNATIONAL CORPORATION bvba Krekelenberg 69, B-2980 Zoersel, Belgium**  
**Tel. +32-3-309.06.51 Fax. +32-3-309.19.31 Email : info@sico.be Website : www.sico.be**

**SICO FERTILISERS**  
 EVERY TIME THE *right* SOLUTION



**PRODUCT INFO  
& DATASHEET**

With the treatment with fungicides we recommend to use also 2 lit/hectare of a product as SICOFOL MAGIC PK in order to increase the efficiency of fungicides. In periods of long drought: Spray 0.5 lit/hectare, 2 or 3 times, with interval of 15-20 days, in order to regulate the osmotic pressure of the cells of plants (i.e. the transpiration and loss of water from leaves).

**COMPATIBILITY**

SICO AMINOVIT-L can be mixed with most common herbicides and pesticides, except those having alkaline reaction, copper, sulphur and sulphates and sun oil. In any case a preliminary test is recommended before making extensive application.

**CAUTION**

Avoid spraying during the hottest hours of the day and use at least 400 litres of water per hectare.

**PACKING**

1 ltr. bottle.