



PRODUCT INFO
& DATASHEET

SICALNIT-L

Calcium Nitrate Liquid Solution $\text{Ca}(\text{NO}_3)_2$

(for foliar application & fertigation)

PRODUCT SPECIFICATIONS

(Indicative analysis & physiochemical properties)

$\text{Ca}(\text{NO}_3)_2$	51% w/w	
CaO	17% w/w	25.5% w/v
Ca	12.5% w/w	
Ca	187 g/l	
N- NO_3	128 g/l	
N- NO_3	8.5% w/w	12.8% w/v
Cr	< 1 ppm	
Cu	< 3 ppm	
As	< 1 ppm	
Zn	< 10 ppm	
Fe	< 3 ppm	
Density	1.5 +/- 0.01 g/cm ³	at 20°C
pH	1.5 – 3	

PRODUCT DESCRIPTION

SICALNIT-L is a liquid fertiliser with high calcium and nitrogen content, highly pure, with no chlorides or sulphates, with low salinity. Calcium is indispensable as it helps the formation of cell walls and in particular it is responsible for the physical resistance of the support tissues. SICALNIT-L is indispensable for the prevention or correction of calcium deficiencies, typical symptoms of which are dead leaves, apical rot of tomatoes, physiological dead leaves of melons. SICALNIT-L is a calcium-nitrogen based product, specific to prevent and treat amongst others:

- apical stem rot in tomatoes
- bitter pit
- cracking in cherries, peaches, nectarines, plums
- melon leaf scorch
- stem rot in sweet peppers
- tip burn in lettuce, endive, escarole

Treatments with SICALNIT-L enhance consistency of fruits and therefore also a prolonged shelf life.

Thanks to its purity it can be applied in drip irrigation and in the form of nutritive solutions for hydroponic cultivations.

ADVANTAGES

- * High solubility and maximum purity.
- * Combined action thanks to the presence of nitrogen.
- * Root application.
- * Suitable for hydroponic cultivations.

DIRECTIONS FOR USE

* Drip irrigation and fertirrigation:

- Greenhouse: 6.7 - 10 ltrs. (= 10 - 15 kg) /1000sqm, to be repeated every 2 weeks.
- Open field: 54 - 67 ltrs. (= 80 - 100 kg) /ha over 4 applications.

When to use:

- Vegetables, strawberries: After rooting and during fruit swelling
- Vine: In post-fruit setting and in the grape swelling stage.
- Apples, pears, drupaceous: At vegetative recovery and after fruit setting, in the fruit swelling stages.
- Olives: In the fruit swelling stages.
- Citrus: In the fruit swelling stages.
- Ornamentals, flowers: 2 - 3 interventions during entire growth cycle
- Industrial cultivations: 1 - 2 interventions in the major vegetative growth stages.
- Nursery, seed beds: 2 - 3 interventions during entire growth cycle.

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.

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SICO FERTILISERS
EVERY TIME THE RIGHT SOLUTION



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* **Foliar application:**

- Apples and pears: 300 - 350 ml/hl, 20 days after blossom, with applications every 15 – 20 days until pre-harvesting.
- Vegetables: 300 - 350 ml/hl, 3 treatments at 15 - 20 day intervals, until fruit ripening
- Stone fruits: 300 - 350 ml/hl, 3 treatments at 15 - 20 day from post-setting
- Ornamentals: 300 - 350 ml/hl, 3 every 15 - 20 days.
- Turfgrass: Apply 1 litre per 1000 m² every 2 months in 100 litres of water

PACKING

* In 20 ltrs. jerrycans, on pallets of 40 jerrycans of 20 ltrs., total 16,000 ltrs. (= about 24,000 kgs) per 20' container.

* In 5 ltrs. cans x 4 / cartons, 800 ltrs./pallet, 8,000 ltrs./20' container or 16,000 ltrs./40' fcl.

The above directions for use should be considered as general recommendations only. It is always advisable to test for compatibility on a small scale (jar test) before full scale mixing.

Company notice: Obey the instructions for protection and caution during treatment with pesticides. The buyer assumes all risk and liability resulting from improper handling or conditions, which are beyond the control of the manufacturer.

The manufacturer shall not be liable for any injury or damage caused by this product due to misuse or incorrect storage or due to applications not stated on the label. Every endeavour has been made to ensure that the information given herein is true and reliable but it is given only for the guidance of our customers. Sap International cannot accept any responsibility for loss or damage or infringement of patent rights, that may result from the use of information, due to the possibility of variations of processing or working conditions and of workmanship outside our control. Users are advised to confirm the suitability of the products with their own tests. Any dimensions shown are approximate.