



PRODUCT INFO
& DATASHEET

SICO CALCIUM FORMULATIONS

'SICO-NITROCAL + Mg CHINA'

Crop supplement with N + Calcium + Magnesium + Sulphur + TE

31/10/2018

DESCRIPTION & ADVANTAGES

SICO-NITROCAL + Mg China is a **unique form of nitrogen** that is used to supplement a present Nitrogen programme, having unique chemistry that enables plants to absorb the material rapidly after treatment. **The nitrogen in SICO-NITROCAL + Mg China is a modified urea and resists gasification or leaching of the nitrogen.** SICO-NITROCAL + Mg China will help produce heavier yields and decrease physiological damage to fruit and storage. **Contains also calcium and magnesium.**

ADVANTAGES

A special tailor-made formulation which easily dissolves; 100% water soluble. Pure formulation, no biologically inert substances. Contains nitrogen, calcium, magnesium and trace elements. Fast plant response after application.

Developed a.o. for peat-based cultures (pot plants, bedding plants and container nursery stock).

Please also see our range of **SICOFLOR** peatmoss, peat substrates, special growing substrates and potting soils !

PRODUCT ANALYSIS

Total Nitrogen (N)	12.5%	Boron (B)	0.2%
Nitrate Nitrogen	6.5%	Iron (Fe)	0.7%
Ammonical Nitrogen	6.0%	Zinc (Zn)	0.7%
Magnesium Oxide (MgO)	4% (2.4% Mg)	LPCA	5.0%
Calcium Oxide (CaO)	13.3% (w/w) (9.5% Ca)	Citric Acid	5.0%
Sulphur Trioxide (SO ₃)	25% (10% S)		

APPLICATIONS

1) Methods of Application

Through drip irrigation, overhead irrigation, knifed into the soil, banded on the soil.

Spread with herbicide and other crop protection chemicals. Sprayed onto trees and vines during dormant period.

2) Recommendations for use

SICO-NITROCAL + Mg China may be used on the following crops: alfalfa, almonds, apples, asparagus, aubergines, avocados, barley, beans, broccoli, cabbage, carrots, cauliflower, celery, citrus, cotton, cucumbers, grapes, lettuce, maize, melons, nectarines, okra, onions, peaches, peanuts, peas, peppers, pistachios, plums, potatoes, rice, soybeans, sorghum, squash, strawberries, sugar beets, sugarcane, sweet corn, tobacco, tomatoes, walnuts, watermelons, wheat, turf, ornamental crops and most other crops.

3) Suggested directions for ornamental use

Specially formulated stabilized nitrogen along with water-soluble calcium and magnesium in the proper ratios will provide growth and color for nursery, greenhouse and field grown materials. Don't mix with high phosphates or high sulphates.

Foliar Feeding: Use 250 – 500g of fertiliser in 400 litres of water and spray to run-off, in houses or outside when temperatures are cool.

4) Directions for use

- **Soil Applications:** Apply 25 to 50 kg SICO-NITROCAL + Mg China directly to the soil in side-dress application. (for use in sodic soil conditions)
- **Drip Irrigation:** Apply 5.0 kg SICO-NITROCAL + Mg China weekly through the drip system. Do this in one application per week.
- **Dormant Sprays:** Apply 5 kg per hectare SICO-NITROCAL + Mg China to the dormant tree or vine at least one month before bud break. **Do not spray on non-deciduous fruit trees such as citrus at these rates.**
- **Foliar Sprays:** Apply 2-5 kg per hectare SICO-NITROCAL + Mg China weekly along with other crop protection products.

5) Mixing instructions

Do not mix with fertiliser containing Phosphorus or Sulfates.

Add to tank: 1. Water 2. SICO-NITROCAL + Mg China 3. Pesticide

- PACKING:**
- 20 x 1 kg aluminium pouches per carton, 1000 kg per pallet, 10 pallets = 10000 kgs per 20' fcl
 - 40 or 45 x 20 kg bags per pallet, 20 pallets (20 MT or 22.50 MT) per 20' fcl

CAUTION: Be sure to conduct the jar test using all products in proper proportion in order to establish physical compatibility.

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