



PRODUCT INFO
& DATASHEET

SICO CALCIUM FORMULATIONS

SICO-NITROCAL + B (L)

Liquid crop supplement with N + Calcium and Boron for all crops

updated 26/06/2017

DESCRIPTION

SICO-NITROCAL + B 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 + B is a modified urea and resists gasification or leaching of the nitrogen.**

SICO-NITROCAL + B will help produce heavier yields and decrease physiological damage to fruit and storage.

Contains also calcium and boron.

PRODUCT ANALYSIS

1) Chemical data

Nitrogen	: 9.0% w/w
Calcium Oxide (CaO)	: 12.6% (w/w) (9.0% Ca)
Boron	: 0.15% w/w
Chelating/complexing agent	: Lignopolycarboxylic acid

2) Physical data

Appearance	: brown liquid
Odour	: neutral - inky
Solubility in water	: 99 %
Bulk Density	: 1.25 g per litre
pH 1:100 w/v	: 1.8 – 2.5

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 + B may be used on the following crops: alfalfa, almonds, apples, artichokes, asparagus, avocados, barley, all beans, broccoli, cabbage, carrots, cauliflower, celery, citrus, cotton, grapes, lettuce, maize, melons, nectarines, peaches, peanuts, peas, peppers, pistachios, potatoes, rice, soybeans, strawberries, sugar beets, sugarcane, sunflowers, sweet corn, tobacco, tomatoes, turnips, walnuts, watermelons, wheat 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 sulfates. Foliar Feeding: Use 250 – 500g of fertilizer 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 150-250 litres SICO-NITROCAL + B directly to the soil in side-dress application.
- **Drip Irrigation:** Apply 50 litres SICO-NITROCAL + B weekly through the drip system. Do this in one application per week.
- **Dormant Sprays:** Apply 150 litres per hectare SICO-NITROCAL + B 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 12-25 litres per hectare SICO-NITROCAL + B 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 + B
 3. Pesticide

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.

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