



PRODUCT INFO
& DATASHEET

SICO CALCIUM FORMULATIONS

SICO-NITROCAL (L)

Foliar liquid crop supplement with N + Calcium for all crops

Revised 06/2020

1. DESCRIPTION

SICO-NITROCAL (L) 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 (L) is a modified urea and resists gasification or leaching of the nitrogen.

SICO-NITROCAL (L) will help produce heavier yields and decrease physiological damage to fruit and storage tissue.

2. PRODUCT ANALYSIS

1) Physical data

Appearance : dark brown liquid

2) Chemical data

Nitrogen as N	: 9.0% w/w
Calcium Oxide (CaO)	: 12.6% (w/w) (= 9.0% Ca)
Boron (B)	: 0.1% w/w
Typical specific gravity	: 1.32 g/dm ³
Typical pH	: 1.6

3. APPLICATIONS

* 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.

* Mixing instructions

Do not mix with fertiliser containing Phosphorous or Sulphates: 1. Water 2. **SICO-NITROCAL (L)** 3. Pesticide

* Recommendations for use

SICO-NITROCAL (L) 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, potatoes, plums, rice, soybeans, sorghum, squash, strawberries, sugar beets, sugarcane, sweet corn, tobacco, tomatoes, walnuts, watermelons, wheat, turf, ornamental crops and most other crops.

* 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 fertiliser in 400 litres of water and spray to run-off, in houses or outside when temperatures are cool.

* Directions for agricultural crop use

- **Soil Applications for ion exchange with sodium:** Apply 200-250 litres **SICO-NITROCAL (L)** directly to the soil in side-dress application or via drip irrigation.

- **Drip Irrigation:** Apply 50 litres per hectare **SICO-NITROCAL (L)** weekly through the drip system. Do this in one application per week.

- **Dormant Sprays:** Apply 150 litres per hectare **SICO-NITROCAL (L)** 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 (L)** weekly along with other crop protection products.

4. 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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