



PRODUCT INFO  
& DATASHEET

SICO CALCIUM FORMULATIONS

## CAL-MINIT+B

*Slow Release 9% Nitrogen with 9% Ca plus 0.15% B  
Liquid fertiliser for all crops*

### 1. PRODUCT DESCRIPTION

**CAL-MINIT+B** contains: **Nitrogen (N) 9.0% w/w** in the slow release amide form and **Calcium Oxide (CaO) 12.6% w/w (9.0% Ca) plus 0.15% w/w Boron** for the application to all crops.

### 2. PRODUCT SPECIFICATION

#### \* 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        |

#### \* CHEMICAL ANALYSIS

|   |                     |
|---|---------------------|
| Nitrogen  | 9.0 % w/w           |
| Calcium (CaO)   | 12.6 % (9 % Ca w/w) |
| Boron   | 0.15 % w/w          |
| Chelating / Complexing agent lignopolycarboxylic acid |                     |

### 3. GENERAL INFORMATION

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

**CAL-MINIT+B** will help produce heavier yields and decrease physiological damage to fruit and storage tissue.

### 4. RECOMMENDATIONS FOR USE

#### \* 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/ **CAL-MINIT+B** 3/ pesticide
- **CAL-MINIT+B** 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, sugar cane, sweet corn, tobacco, tomatoes, walnuts, watermelons, wheat, turf, ornamental crops and most other crops.

#### \* SUGGESTED DIRECTIONS FOR ORNAMENTAL USE

Specially formulated stabilised nitrogen along with water soluble calcium and magnesium in the proper ratios will provide growth and color for nursery, greenhouse and field grown materials.

Do not mix with high phosphates or high sulfates.

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

#### \* DIRECTIONS FOR AGRICULTURAL CROP USE

Soil applications: Apply 200-250 ltrs **CAL-MINIT+B** directly to the soil in side-dress application (for use in sodic soil conditions)

Drip irrigation: Apply 50 ltrs **CAL-MINIT+B** weekly through the drip system. Do this in one application per week.

Dormant sprays: Apply 150 ltrs per hectare **CAL-MINIT+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 ltrs per hectare **CAL-MINIT+B** weekly along with other crop protection products.

### 5. PACKING

- 20 ltrs cans, 32 x 20 ltr per pallet = 640 ltr + 1 pallet 48 x 20 ltr = 1600 ltr per pallet space, 10 pallet spaces = 16000 ltr/20' fcl.