

# NUTRI-KEY CALCIUM SHUTTLE™

## Super available liquid calcium

Calcium plays a major role in the development of plant and fruit cell walls, especially during the cell division stage, protecting the cell from toxins and in slowing the ageing process. Adequate fruit calcium assists longer storage life and helps stored fruit resist a range of breakdown conditions and rots. The Shuttle® system delivers calcium in a highly plant-available complexed form.

### GROWTH STAGE

✓ Pre-flower, Flowering, Fruit Set & Fill

### TYPICAL ANALYSIS W/V:

Total Calcium (Ca)	9.81%
Calcium (as nitrate)	9.80%
Calcium (as organic)	0.01%
Total Nitrogen (N)	7.25%
Nitrogen (as organic)	0.64%
Nitrogen (as nitrate)	6.61%
Total Potassium (K)	0.23%
Potassium (as organic)	0.14%
Potassium (as hydroxide)	0.07%
Potassium (as silicate)	0.02%
Carbon (C) (as Shuttle® chelator)	5.27%
Sulfur (S)	0.26%
Iron (Fe)	0.15%
Zinc (Zn)	930 mg/L
Manganese (Mn)	757 mg/L
Boron (B)	433 mg/L
Magnesium (Mg)	363 mg/L
Copper (Cu)	245 mg/L
Silicon (Si)	217 mg/L
Molybdenum (Mo)	49 mg/L
SG	1.3
pH	6.5 – 7.5
Conductivity	60 – 80 mS/cm
Appearance	Brown liquid

### KEY PERFORMANCE

- Ideal throughout reproductive growth
- Superior Shuttle® chelation for enhanced uptake
- Strengthen cell wall structure

**SIZES:** 1L, 5 L, 20 L, 200 L, 1000 L

**PRODUCT CODE:** NKCAS



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## APPLICATION RATES

### Vegetables

<b>FOLIAR SPRAY RATE</b>	1 L per 100 L water up to 5 L/ha equivalent
<b>FREQUENCY</b>	Weekly after flowering or as required

### Orchards & Vineyards

<b>FOLIAR SPRAY RATE</b>	1 L per 100 L water up to 7 L/ha equivalent
<b>FREQUENCY</b>	Every 3 – 4 weeks after flowering or as required

### Ornamentals

<b>FOLIAR SPRAY RATE</b>	1 L per 100 L water up to 5 L/ha equivalent
<b>FREQUENCY</b>	Every 4 weeks or as required

### Turf

<b>FOLIAR SPRAY RATE</b>	1 L per 100 L water up to 5 L/ha equivalent
<b>FREQUENCY</b>	Every 2 – 3 weeks or as required

### Spot-Spraying

<b>FOLIAR SPRAY RATE</b>	50 mL per 10 L water
<b>FREQUENCY</b>	As required

### Home Garden Application

Dilute 30 mL per 9 L watering can and apply the diluted mix at a rate of 1 litre per square metre. Apply fortnightly or as required.

## INSTRUCTIONS

**Stir well before use.** Where higher water rates are required for good foliar coverage, do not exceed maximum product rate per hectare. Sensitive foliage or plants should be test sprayed prior to full scale application.

Frequencies are a guideline only and can be adjusted according to farm practices and/or in conjunction with crop monitoring. Ensure suitable spray conditions (e.g. temperature, humidity, wind-speed), prior to foliar application.

Compatibility and/or performance cannot be guaranteed when combined with other products. Jar test for compatibility and spray test on small area before wide-spread use.

## IMPORTANT

This product does not promote vegetative growth and should not be used on crops during any period in their growth cycle when vegetative growth is desired.

Avoid spraying close to harvest if produce is susceptible to staining.

Not compatible with soluble phosphate or sulfate based inputs.

**Note:** Product in 1000 L tanks may weigh over 1 tonne. Forklift with 2 tonne lifting capacity is recommended.

## STORAGE & HANDLING

Store in a cool dry area out of direct sunlight. This product has been tested to store safely down to 5°C. Crystallisation or sedimentation may occur below 5°C. Do not pre-mix or store in diluted form. Seal lid/cap immediately after use.

\*Disclaimer: Any recommendations provided by Nutri-Tech Solutions Pty Ltd (NTS) or its Distributors are advice only. As no control can be exercised over storage, handling, mixing, application or use, or weather, plant or soil conditions before, during or after application (all of which may affect the performance of our program), no responsibility for, or liability for any failure in performance, losses, damages, or injuries (consequential or otherwise), arising from such storage, mixing, application, or use will be accepted under any circumstances whatsoever. NTS recommend you contact an Agronomist prior to product application. The Buyer assumes all responsibility for the use of any NTS products.

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