

QMIN CALCIUM 6.0%

QMIN Calcium 6.0% is designed for foliar and soil application to crops for the prevention and correction of Iron deficiencies, that may limit growth and yield.

Calcium (Ca) is an essential plant nutrient that is required for various structural roles in the cell wall and membranes. Calcium increases ammonium, potassium, and phosphorus absorption, stimulates photosynthesis, and increases the size of sellable plant parts. Calcium also makes the use of nitrogen more efficient, which improves the economics of production and reduces nitrogen contamination of the environment.

BENEFITS OF QMIN CALCIUM

- **QMIN Calcium** is 100% soluble and nontoxic to foliage when it is applied as per label directions.
- **QMIN Calcium** utilizes a proprietary manufacturing technology whereby a blend of polysaccharides is reacted with specific ionized nutrients, resulting in complexed compounds which help improve nutrient uptake and translocation within the plant.
- **Unique Polysaccharide Technology** protects micronutrients until they are used by plant or microbes.
- **QMIN** is compatible with an extensive range of fertilisers & crop protection products, as well as in low pH formulations.

THE ROLE OF CALCIUM (Ca) IN PLANTS

- **Helps to convert nitrate-nitrogen into forms needed for protein formation.**
- **Is responsible for plant cell division and for strengthening cell walls.**
- **Contributes to improved disease resistance.**
- **Activates several plant growth-regulating enzyme systems.**
- **Improves the absorption of other nutrients by roots and their translocation within the plant.**

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GUARANTEED ANALYSIS 4.5-0-0

Total Nitrogen (N)..... 4.5%
4.5% Nitrate Nitrogen
Calcium (Ca)6.0%
Derived from: Calcium Polysaccharide & Calcium Nitrate

APPLICATION

DECIDUOUS TREE CROPS: Including Apple, Almond, Cherry, Nectarine, Peach, Pear, Pistachio and Walnut. **Foliar: 1.1 – 4.6 L/ha.** Spray at early bud, post petal fall.

EVERGREEN TREE CROPS: Such as Avocado, Citrus, Macadamia. **Foliar: 1.0 – 4.6 L/ha** **Fertigation: 2 – 18 L/ha.** Apply to recently hardened spring flush or during active growing period & post-harvest.

FRUITING VEGETABLES: Such as Capsicum, Cucurbits, Eggplant, Tomatoes, Watermelons, Pumpkins. **Foliar: 1 – 4.6 L/ha.** **Fertigation: 1 – 18 L/ha.** Apply at regular intervals from 5th leaf until 14 days pre harvest. Fertigate regularly to replenish nutrients.

LEAFY VEGETABLES: Such as Endive, Fennel Lettuce, Broccoli, Cabbage, Cauliflower, Kale and Herbs. **Foliar: 0.5 – 4.6 L/ha.** **Fertigation: 1 – 18 L/ha.** Apply at 3 -4th leaf stage.

ROOT VEGETABLES: Such as Beetroot, Carrot, Leek, Onion, Potato, Radish, Sweet Potato. **Foliar: 0.5 – 4.6 L/ha.** **Fertigation: 1 – 18 L/ha.** Foliar spray, early season or when leaf area is sufficient to intercept spray. Apply with compatible crop protection sprays.

VINE & BERRY CROPS: Such as Blueberry, Strawberry, Raspberry, Wine and Table Grapes. **Foliar: 0.5 – 4.6 L/ha.** **Fertigation: 1 – 18 L/ha** First foliar application shoots 10 cm long. Second application less than 5% flowering. Colour Development

BROADACRE: Such as Barley, Canola, Cotton, Grain legumes, Maize, Oats, Rice, Sorghum, Triticale, Wheat & Pasture crops. **Foliar: 0.5 – 4.6 L/ha.** **Fertigation: 0.8 - 18 L/ha** Water injection or down the tube. Best applied at 3 – 4 true leaf, may be used at other growth stages. For maintenance, use the higher rate.

****Please consult your crop adviser for orchard specific recommendations**