QMIN COPPER 3.5%

QMIN Copper 3.5% is designed for foliar and soil application to crops for the prevention and correction of Iron deficiencies, that may limit growth and yield.

BENEFITS OF QMIN COPPER 3.5%

- **QMIN Copper** is 100% soluble and nontoxic to foliage when it is applied as per label directions.
- **QMIN Copper** 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 COPPER (Cu) IN PLANTS

- **Metabolic Processes** Copper plays an important role in metabolic processes such as enzyme and chlorophyll formation, photosynthesis, respiration and the metabolism of carbohydrate and some proteins.
- **Copper Hunger** Many crops show Cu hunger, with leaves that lose turgor and develop a bluish-green shade before becoming chlorotic and curling.
- **Influences From Other Metals** Other metals in the soil, such as iron, manganese and aluminium, affect the availability of Cu for plant growth.

Copper exists in various oxidation states, with the divalent ion (Cu2+), the form taken up by plants, being the most common. Copper is tightly held on clay and organic colloids in the soil. Consequently, it is immobile in the soil and low concentrations are found in the soil solution. Copper is not easily lost by leaching

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QMIN COPPER 3.5%

GUARANTEED ANALYSIS

Copper (Cu) 3.5%
3.5% Water soluble Copper (Cu).
Derived from: Copper Polysaccharide.

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 – 3 L/ha Fertigation: 2 – 9 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: 0.5 – 2 L/ha. Fertigation: 1 – 3 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 – 1.5 L/ha. Fertigation: 1 – 3 L/ha. Apply at 3 -4th leaf stage.

ROOT VEGETABLES: Such as Beetroot, Carrot, Leek, Onion, Potato, Radish, Sweet Potato. Foliar: 0.5 – 1.5 L/ha. Fertigation: 1 – 2 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 – 2.4 L/ha. Fertigation: 1 – 3. 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 – 3 L/ha. Fertigation: 0.8 - 3 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**