

QMIN MAGNESIUM 3.0%

QMIN Magnesium 3.0% is designed for foliar and soil application to crops for the prevention and correction of Iron deficiencies, that may limit growth and yield.

Magnesium (Mg) is essential to plant life because it fuels vital functions like photosynthesis. It is the central atom in the chlorophyll molecule, which is key to the crop's ability to absorb light. It is no surprise then that magnesium deficiency can stunt plant growth and cause overall poor development.

BENEFITS OF QMIN MAGNESIUM

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

- **Enzymatic action:** Magnesium is the central molecule in energy capture and is involved in the activation of many enzymes.
- **Biological function:** Magnesium and its role in carbohydrate production in leaves are essential to biomass accumulation and fruit development.
- **Core Function:** Mg is also crucial to many core functions including Energy Transfer, Carbohydrate Metabolism, Carbohydrate Translocation, Photosynthesis & Protein Synthesis.

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GUARANTEED ANALYSIS

Magnesium (Mg)3.0%
3.0% Water soluble Magnesium (Mg). Derived from: Magnesium Sulfate.

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: 1.1 – 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: 0.5 – 4.6 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 – 4.6 L/ha. Fertigation: 2 – 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 – 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 – 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: 1 - 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**