



QMIN KGAIN 0-0-22

QMIN K Gain 0-0-22 is designed for foliar and soil application to crops for the mitigation of potassium deficiencies that may limit growth yield and quality.

BENEFITS OF QMIN KGAIN

- **QMIN KGAIN** is 100% water soluble and nontoxic to foliage when it is applied as per label directions.
- **QMIN KGAIN** 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 POTASSIUM IN PLANTS

- Controls the opening and closing of stomata in plants and therefore has a significant role in water regulation
- Significant role in transport of nitrate, phosphate, Ca, Mg and amino acids
- Critical to the transport of carbohydrates in plants.
- Helps to increase plant resistance to diseases.
- Plays an important role in photosynthesis
- Activates over 60 plant enzymes
- Optimizes crop quality

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GUARANTEED ANALYSIS

Soluble Potash (K₂O)22%
Derived from: Potassium Carbonate and Potassium Hydroxide

APPLICATION

DECIDUOUS TREE CROPS: Including Apple, Almond, Cherry, Nectarine, Peach, Pear, Pistachio and Walnut. **Foliar: 1.1 – 9.35 L/ha.** Spray at early bud, post petal fall.

EVERGREEN TREE CROPS: Such as Avocado, Citrus, Macadamia. **Foliar: 1.0 – 9.35 L/ha** **Fertigation: 5 – 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 – 9.4 L/ha.** **Fertigation: 5 - 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: 1 – 9.4 L/ha.** **Fertigation: 5 - 18 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 – 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 – 9 L/ha.** **Fertigation: 5 – 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 – 9 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**