



## Rates and Timing - Strawberries

### All the Benefits of Nutrients Maximized

Nutrients enhance plant growth and stress tolerance - if they're absorbed into the plant and transported where they can do their job. Better uptake yields better results. QMIN technology delivers proven results.

- Carbohydrates protect the micronutrients
- Micronutrients translocate to where they are needed
- Plants utilize carbohydrate energy to help them thrive

### Suggested Rates & Timing

| When                    | Product  | Rate   | Application Method |
|-------------------------|--|--|--------------------|
| Pre-Plant               | QMIN Zn  | 1 gal/acre                                   | Soil               |
| ~2 Weeks After Planting | QMIN HeptaBoost                                  | 2 qt/acre                                    | Foliar             |
| Vegetative Growth       | QMIN Zn<br>QMIN Ca                               | 2 qt/acre<br>1 qt/acre                       | Foliar             |
| Reproductive Growth     | QMIN Ca<br>QMIN K-Gain<br>QMIN Zinc<br>Maritime* | 2 qt/acre<br>2 qt/acre<br>1 pt/ac<br>1 qt/ac | Foliar             |

\*Maritime is a registered trademarks of Loveland Products, Inc.

**Potassium** enhances carbohydrate production, transport, and storage. Maximizes sugar content in fruit.

**Calcium** is an essential part of the plant cell wall structure and can increase fruit firmness.

**Magnesium** is the central molecule in chlorophyll and involved in activation of many enzymes.

**Zinc** [included in QMIN HeptaBoost] is critical to cell division and elongation.

**Iron** [included in QMIN HeptaBoost] is a redox element and transfers electrons during photosynthesis in leaves.

**Manganese** [included in QMIN HeptaBoost] activates numerous enzymes in plants which are important to photosynthesis and pathogen resistance

### Key Advantages of QMIN Technology:

**Effective.** Across a wide variety of crops, QMIN technology has shown consistent nutrient uptake.

**Translocates.** Because plants naturally store polysaccharides for energy, they readily absorb QMIN's polysaccharide protected nutrients then move them to new growth areas.

**Compatible.** In fertilizers and pesticides, QMIN's unique chemistry and polysaccharide protection are effective in diverse applications.

**Safe.** Plant derived polysaccharide complexation helps to eliminate phytotoxicity.

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For more information, contact your Nutrien Ag Solutions Representative.

