

QMIN[®]



Rates and Timing - Tomatoes

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
Vining	QMIN Zinc	2 qt/acre
Bloom	QMIN Calcium	1 qt/acre
	QMIN Boron	1 pt/acre
	QMIN HeptaBoost	1 qt/acre
	MARITIME*	1 qt/acre
Fruit Development	QMIN Calcium	1 qt/acre
	QMIN K-Gain	2 qt/acre

*MARITIME is a registered trademark of Loveland Products, Inc.

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.

Calcium is an essential part of the plant cell wall structure. Adequate Ca levels are a factor in reducing blossom-end rot and can increase fruit firmness.

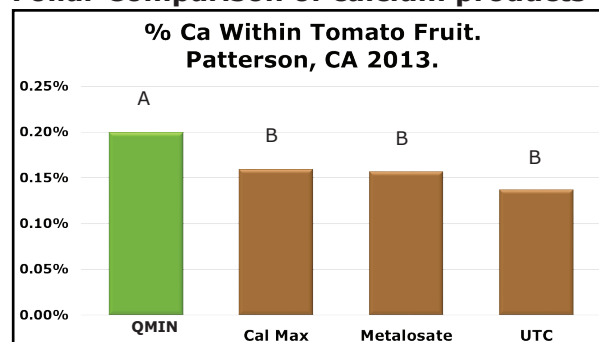
Potassium enhances the production, transport, and storage of soluble solids. Potassium is also key to the plant's water stress management.

Zinc is critical to cell division and elongation, and will drive vigorous root development.

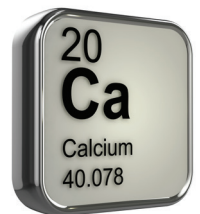
Boron is critical to pollen tube elongation, and will help ameliorate fruit-set deficiency symptoms.

Third-party research performed by Alan Carlisle. Two applications, at 1 qt. rate each, were applied to each respective treatment. One at first bloom, one at full bloom. Fruit samples were collected two weeks after the final application by a method that removed any fruit which could have Ca residue on the surface.

Foliar Comparison of calcium products on field tomatoes



Results with a different letter are significantly different at 95% confidence. Fisher's LSD = 0.03%



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