



QMIN[®]

Melon Rates & Timing

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 and Timing - Melon Foliar Program

When	Product	Rate
Vegetative Growth/Early Runner	QMIN Magnesium	1 quart/acre
	QMIN Calcium	1 quart/acre
	QMIN Boron	1 quart/acre
	QMIN N-Gain	1 quart/acre
Flowering	QMIN HeptaBoost	2 quart/acre
	QMIN Calcium	1 quart/acre
	QMIN Boron	1 quart/acre
	Maritime*	1 quart/acre
Fruit Set	QMIN Magnesium	1 quart/acre
	QMIN Calcium	1 quart/acre
	QMIN Boron	1 pint/acre
Fruit Fill	QMIN K-Gain	2 quart/acre
	QMIN Calcium	1 quart/acre
	QMIN Boron	1 quart/acre
	QMIN HeptaBoost	1 quart/acre

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

Nitrogen has a variety of structural roles in many plant molecules and promotes early vegetative growth.

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

Magnesium increases chlorophyll content and sugar production potential, improves flowering

Boron ensures flowering, fruit set, and good skin finish and aids in calcium mobility.

Copper [included in QMIN HeptaBoost] helps protect plants against oxidative stresses, and is important in lignin formation.

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

Zinc [included in QMIN HeptaBoost] is critical to cell division and elongation. Maximizes flower set, development, and fruiting, and promotes healthy fruit fill.

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 areas with highest demand.

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

Safe. Plant derived polysaccharide complexation helps to minimize phytotoxicity.

Available exclusively through:

Nutrien
Ag Solutions™

Contact Information.

For more information, contact your Nutrien Ag Solutions Representative.

