



## Manni-Plex® Cal-Zn

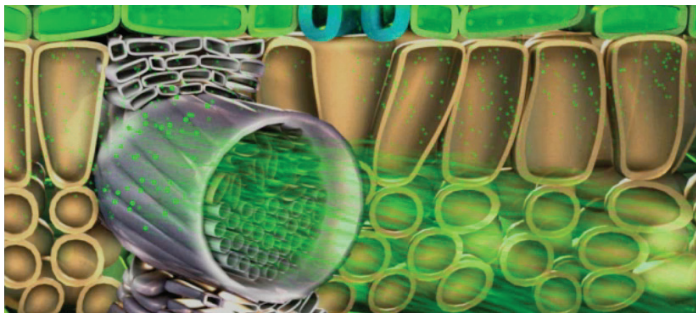
# Advanced Foliar Nutrition

MANNI-PLEX CAL-ZN is a proprietary foliar supplement that provides highly mobile and available calcium and zinc to plant growing points. It is an excellent tool for preventing and correcting calcium and zinc deficiencies, and enhancing overall plant health.

Calcium and zinc nutrient deficiencies are very common in fruit and vegetable production. Applying MANNI-PLEX CAL-ZN during the growing season helps ensure that adequate levels of calcium and zinc are present. It also helps prevent calcium related deficiency disorders such as Blossom End Rot, Bitter Pit and Corky Spot. Zinc also helps increase resistance to root infections such as *Fusarium Graminerum*, *Gaumannomyces* and *Rhizoctoniasolani*.

### MANNI-PLEX® CAL-ZN Advantages

- More efficient than other forms of Ca and Zn
- Low molecular weight and particle form allows more Ca and Zn to penetrate plant leaves and translocate to growing points
- Proprietary formulation coats leaves and adheres to the leaf surface, making it available to the plant longer
- Ready-to-use liquid formulation can be tank mixed with most fungicides, insecticides and PGR's
- Will not injure fruit or foliage like calcium chloride and calcium nitrates
- Zinc plays a role in the growth and development of plant tissue, the roots and vascular system. It is also critical to protein synthesis, structural integrity and the plant's immune system.



The molecular shape and structure of MANNI-PLEX® foliar nutrients allows the plant to absorb more nutrients at a faster rate.

### Guaranteed Analysis

6-0-0

Total Nitrogen (N) .....	6.0%
6.0% Nitrate nitrogen	
Calcium (Ca) .....	6.0%
6.0% Water soluble calcium	
Zinc (Zn) .....	3.0%
3.0% Water soluble zinc	

Derived from calcium nitrate and zinc nitrate

### Application and Use

**Field, Row, Vegetable, Fruit, Tree and Vine Crops:** Apply 2-4 quarts per acre per application throughout the growing season. At least 3 applications are recommended. More frequent applications at 1.5 quarts per acre may be needed to correct deficiencies once they occur. For pre-plant or sidedress applications, use 1-2 gallons per acre.

**Ornamental Crops:** Apply 2-4 quarts per 100 gallons water. Cover foliage thoroughly to point of runoff.

Optimum rate of application will vary depending on soil properties (such as pH, organic matter content, texture); weather conditions, time of year, general crop health and crop species. For best results, follow soil test or plant analysis recommendation.

For more information, talk to your ag retailer about MANNI-PLEX or contact BRANDT at 800 300 6559 or [info@brandt.co](mailto:info@brandt.co)

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