

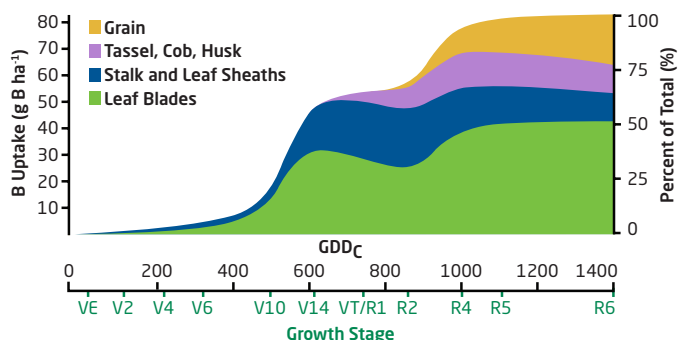
## BRANDT Smart B-Mo

# Foliar Boron and Molybdenum Supplement

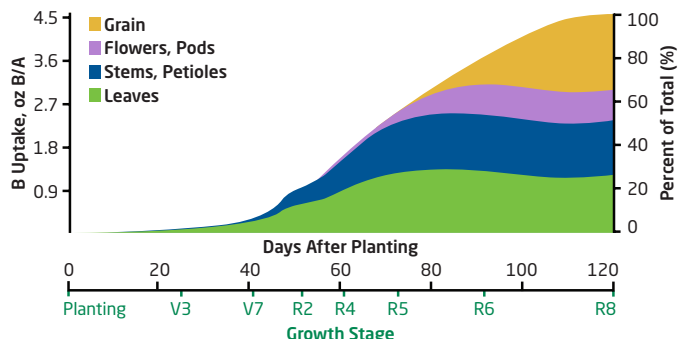
Boron is one of the most common micronutrient deficiencies. Without sufficient levels of boron, vegetative and reproductive growth, cell expansion, tissue growth and fertility may be impacted. Applying boron during the growing season ensures that crops have sufficient levels for optimal quality and yield.

BRANDT SMART B-MO is a new foliar boron supplement. It is stable and compatible in a wide range of tank mixes, including acidic pH solutions and micronutrient tank mixes. It has been proven to deliver more boron to the plant than a typical 10% boron solution.

### Corn



### Soybeans



### Boron uptake differs significantly between corn and soybeans.

Bender, R.R., J.W. Haegele, and F.E. Below. 2015. Nutrient Uptake, Partitioning, and Remobilization in Modern Soybean Varieties. *Agron. J.* 107:563-573.

Bender, R.R., J.W. Haegele, M.L. Ruffo, and F.E. Below. 2013. Nutrient uptake, partitioning, and remobilization in modern, transgenic insect-protected maize hybrids. *Agron. J.* 105:161-170.

### Guaranteed Analysis

Boron (B) .....	5.0%
5.0% Water soluble boron	
Molybdenum (Mo) .....	0.5%

Derived from: boric acid and sodium molybdate.

### Key Advantages of BRANDT SMART B-MO

- Significantly more mobile, efficient and effective than 10% boron
- Highly soluble and stable across a broad pH range
- Nutrients won't precipitate when they come in contact with acidic solutions
- Compatible with other micronutrients, including Zn and Ca
- Compatible with insecticides and herbicides that have very specific pH ranges

### Agronomic Function of Boron and Molybdenum

- Enhances cell wall stabilization, structure and integrity
- Aids in nitrogen assimilation and root nodulation formation, which in turn increases nitrogen uptake and utilization
- Aids in carbohydrate metabolism and sugar translocation
- Aids in protein synthesis
- Essential to germination and pollination

### Application Rates

#### Foliar Application

*Field, Row, Vegetable and Vine Crops:* Apply 0.5-1 pint per acre per application throughout the growing season. More frequent applications at 1 pint per acre may be needed to correct deficiencies once they occur.

*Fruit and Nut Tree Crops:* Apply 1-4 pints per acre per application throughout the growing season. More frequent applications at 2 pint per acre may be needed to correct deficiencies once they occur.

*Ornamentals:* Apply 1-2 pints per 100 gallons water. Cover foliage thoroughly to point of runoff.

#### Soil Application

*All crops:* Use 1-3 quarts per acre.

*Aerial (plane, helicopter & drone) Applications:* Apply 1-2 pints per acre. When applying fungicide and insecticide chemistries be sure there is sufficient water volume to properly disperse products. Disperse suspension concentrate and emulsion concentrate based products prior to adding BRANDT Smart B-Mo.